

19980429.qrp v01_n075.qrs.980429

Date: Wed, 29 Apr 1998 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1075

QRP-L Digest 1075

Topics covered in this issue include:

- 1) [9411] Re: Plans for Super Altoids Rig in QRPP
by "Robert P. Okas" <vintage@best.com>
- 2) [9412] Re: QRPP
by Joe Gervais <vole@primenet.com>
- 3) [9413] FDIM
by "Fred Ringwald" <fred@innocent.com>
- 4) [9414] Re: Help finding Hamstick 20 meter antenna and mag mount
by Phil <k6ls@prolynx.com>
- 5) [9415] more..QRPTTF Story
by "Steve Galchutt" <n0tu@webaccess.net>
- 6) [9416] 1N914 Capacitances
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 7) [9417] Re: query
by "George T. Baker" <w5yr@swbell.net>
- 8) [9418] A short QRPTTF Recap DE KG5N
by "Hulbert, Nick" <nick.hulbert@lmco.com>
- 9) [9419] Re: wire/rope/yagi updated
by "George T. Baker" <w5yr@swbell.net>
- 10) [9420] Thump in Ten-Tec 13XX rigs
by Karl Heimbach <heimbach@concentric.net>
- 11) [9421] RE: Query
by Hank Kohl K8DD <k8dd@contesting.com>
- 12) [9422] Just got a GM3 on my SST -- hey that rhymes
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 13) [9423] elmer 101: diodes questions...
by Pierre Constantineau <pierre@cmpe.ubc.ca>
- 14) [9424] N0UR QTTF Story
by WU0L <WU0L@aol.com>
- 15) [9425] Re: query
by "Alan Slusher" <aslusher@erols.com>
- 16) [9426] 10 METERS THIS WEEKEND
by "KA5T Larry Wise" <lewise@inetport.com>
- 17) [9427] Schematic drawing
by "Phillips Richard" <phillips@msoe.edu>
- 18) [9428] A last VFO Question
by Jeff Grudin <grudin@pacific.vdbs.com>
- 19) [9429] Survey: New Product Possibility

- by n2jgu@juno.com (Gary M Diana)
- 20) [9430] Elmer 101: web site updated
by Michael Maiorana <mikemo@ibm.net>
- 21) [9431] GEOMAGNETIC STORM APR 29-30
by Paul Harden <pharden@aoc.nrao.edu>
- 22) [9432] Re: question mark
by Richard Brittingham <rbritt@visi.net>
- 23) [9433] Chris Cartwright address !!
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
- 24) [9434] Re: GEOMAGNETIC STORM APR 29-30
by Richard Brittingham <rbritt@visi.net>
- 25) [9435] Re: Schematic drawing
by "George T. Baker" <w5yr@swbell.net>
- 26) [9436] Re: A last VFO Question
by RangerSF5 <RangerSF5@aol.com>
- 27) [9437] The Double-Altoids container
by mwattcpa@earthlink.net (Marty Watt)
- 28) [9438] Re: GEOMAGNETIC STORM APR 29-30
by "ukii" <ukii@megsinet.net>
- 29) [9439] 1/2 Wave Antenna
by Ward Hill <w_hill@ns.net>
- 30) [9440] Solar Stuff ...
by joel malman <malman@world.std.com>
- 31) [9441] Will be in Wichita Kansas area...
by Larry Jones <ljones@flash.net>
- 32) [9442] re: My Status
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 33) [9443] Re: Schematic drawing
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 34) [9444] Re: GEOMAGNETIC STORM APR 29-30
by Paul Harden <pharden@aoc.nrao.edu>
- 35) [9445] SGC speaks to QRP-L
by Conrad <radman@best.com>
- 36) [9446] Re: question mark
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 37) [9447] RE: SGC speaks to QRP-L / 2nd rig tested
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
- 38) [9448] "Top of the World" Pictures on line
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
- 39) [9449] Re: Schematic drawing
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 40) [9450] My personal frequencies
by "Jerry W. O'Dell" <psyodell@mail.provide.net>
- 41) [9451] Re: SGC speaks to QRP-L
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 42) [9452] Re: My personal frequencies
by "Fred Ringwald" <fred@innocent.com>
- 43) [9453] K1MG Counter/Clock in my Cascade !

- by km3d@juno.com
- 44) [9454] Re: SGC speaks to QRP-L
by Jess Gypin <jessqrp@concentric.net>
- 45) [9455] 10 metre beacon
by Fred Lesnick <flesnick@Quetico.tbaytel.net>
- 46) [9456] Re: GEOMAGNETIC STORM APR 29-30
by Jack Parker <Pparker@greatbasin.net>
- 47) [9457] Re: My personal frequencies
by "Phillips Richard" <phillips@msoe.edu>
- 48) [9458] "Good buddy," plus QRPTTF results
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 49) [9459] qrpttf
by Scott Hogin <wshogin@primenet.com>
- 50) [9460] Re: My personal frequencies
by cjayheff@erols.com (C. Jay Heffner)
- 51) [9461] Re: WQ3RP QRPTTF Results
by Jon Mitchell <jsm@cen.com>
- 52) [9462] Elmer101: More VFO questions
by Michael Maiorana <mikemo@ibm.net>
- 53) [9463] Re: My address is
by Stephen Lee <slee@u.washington.edu>
- 54) [9464] How about this
by eakwik@mail.hac.com
- 55) [9465] Re: How about this
by Chris Cartwright <ccart@dns.vidtel.com>
- 56) [9466] Re: Plans for Super Altoids Rig in QRPP
by Chris Cartwright <ccart@dns.vidtel.com>
- 57) [9467] Re: Plans for Super Altoids Rig in QRPP
by Chris Cartwright <ccart@dns.vidtel.com>
- 58) [9468] Damaged QSTs
by Larry East <w1hue@amsat.org>
- 59) [9469] Re: QRPP
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 60) [9470] Re: The Double-Altoids container
by Steven Weber <kd1jv@moose.ncia.net>
- 61) [9471] Re: Schematic drawing
by Steven Weber <kd1jv@moose.ncia.net>
- 62) [9472] Re: QRPP
by Ed Loranger <we6w@qsl.net>
- 63) [9473] Re: "Top of the World" Pictures on line
by Jim Lowman <jmlowman@ix.netcom.com>
- 64) [9474] QRV in Venezuela - YV5/WA8GHZ
by jfd - WA8GHZ /5 <jdougher@wt.net>
- 65) [9475] Geo Storm? - Do Aurora!
by Andris Neimers <VitalVoice@compuserve.com>
- 66) [9476] SG 2020 (or whatever its called...)
by Larry East <w1hue@amsat.org>
- 67) [9477] Re: Damaged QSTs

by "Ed Hare, W1RFI" <ehare@arrl.org>
68) [9478] Re: "?"
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
69) [9479] RE: SG 2020 (or whatever its called...)
by "Hulbert, Nick" <nick.hulbert@lmco.com>
70) [9480] LED Keyer Update 2
by Steven Weber <kd1jv@moose.ncia.net>
71) [9481] Re: Damaged QSTs
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
72) [9482] Re: SGC speaks to QRP-L
by Robert Friess <rfriess@ibm.net>
73) [9483] Magnetic Storm... buffalo chips
by jdenison@morelr.com (JOEL DENISON)
74) [9484] Re: Damaged QSTs
by Monte Stark <ku7y@dri.edu>
75) [9485] Re: Elmer101: More VFO questions
by KC5TJA <kc5tja@topaz.axisinternet.com>
76) [9486] Elmer's Advice
by vllario@eic.ictnet.es (Vicenc Llarío i Zarzoso)
77) [9487] Re: SGC speaks to QRP-L
by gsurrency@juno.com (Gary L Surrency)
78) [9488] Alinco DX-70t FS or Trade
by "Kelly Ellison" <kelman@dialnet.net>
79) [9489] Re: Damaged QSTs
by William Wyatt <wbw95k@timon.acu.edu>
80) [9490] Thanks for the hamstick help
by "D.K. Philbin" <dphilbin@slonet.org>
81) [9491] SGC 2020
by B1ljohn <B1ljohn@aol.com>
82) [9492] Re: qrpttf
by Joe Gervais <vole@primenet.com>
83) [9493] Cartoons...
by "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
84) [9494] Re: Schematic drawing
by "George T. Baker" <w5yr@swbell.net>
85) [9495] CARPOOL: Maryland to DAYTON, WED. MAY 13!!!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
86) [9496] Re: elmer 101: diodes questions...
by Pierre Constantineau <pierre@cmpe.ubc.ca>
87) [9497] Re: Sierra QRP Rig for sale.
by mwattcpa@earthlink.net (Marty Watt)
88) [9498] SGC 2020 FLAP
by Bill Jones <kd7s@psnw.com>
89) [9499] Re: CARPOOL: Maryland to DAYTON, WED. MAY 13!!!
by George Gingell <k3tks@u1.abs.net>
90) [9500] Re: SGC 2020 FLAP
by Kory Hamzeh <kory@avatar.com>
91) [9501] Litz wire Source?

by "Steve Galchutt" <n0tu@webaccess.net>
92) [9502] Re: Tnx everyone
by k6hcj@juno.com (Marv Fagenson)
93) [9503] HW-7 / HW-8
by "James Fielden" <fielden@utkux.utcc.utk.edu>
94) [9504] Re: SGC 2020 FLAP
by "Michael A. Gipe" <mgipe@reliablemeters.com>
95) [9505] RE: SG2020 FLAP
by Steven Weber <kd1jv@moose.ncia.net>
96) [9506] Re: Damaged QSTs
by Jim Lowman <jmlowman@ix.netcom.com>
97) [9507] Jones Key sold!
by Pete Meier <pmeier@tir.com>
98) [9508] SST mods
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
99) [9509] ZM-2 problem
by "Chris Mayer" <crmayer@mindspring.com>
100) [9510] Re: Litz wire Source?
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
101) [9511] RE: SST mods
by "Gerald Mike Claussen (gmc)" <gmc@sequent.com>
102) [9512] Re: My personal frequencies
by w4bws@juno.com (Donald E Sanders)
103) [9513] Re: query
by Lynn Simons <lsimons1@ix.netcom.com>
104) [9514] Re: Query
by Lynn Simons <lsimons1@ix.netcom.com>
105) [9515] Re: SGC 2020 FLAP
by "Robert P. Okas" <vintage@best.com>
106) [9516] Re: ZM-2 problem
by Brian Kassel <bkassel@dancris.com>
107) [9517] Re: Query
by Ed Loranger <we6w@qsl.net>

Date: Tue, 28 Apr 1998 15:59:39 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9411] Re: Plans for Super Altoids Rig in QRPP
Message-ID: <Pine.BSF.3.96.980428155740.1613A-1000000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yeah,

I'm sure Chris would be happy to email you the plans,
in HTML, of course!

Curiously Awful, eh? How many other NA5N-isms can you find there?

ROTFLMAO,
Bob - W3CD

On Tue, 28 Apr 1998, Hendricks, Doug wrote:

> Guys, please, please, if you want plans for the Super Altoids Rig on Page 70
> of QRPP, send your requests to Chris Cartwright, not to Paul Harden or
> myself. With a big ole grin on his face, Doug, KI6DS
>
>
>

Date: Tue, 28 Apr 1998 16:07:21 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [9412] Re: QRPP
Message-ID: <199804282307.QAA20485@usr06.primenet.com>

Howdy,

Ed (WE6W) wrote:

>
> Boy this sure is one action packed QRPP.

The really great part (IMHO) is all of the little resurrected rig designs that are presented - talk about a goldmine for folks who want to learn how to build/design! Very simple, low parts count, perfect jumping-off point for experimentation. And I even think I have enough parts in my junkbox to try one out....

> I Seem to be taking more breaks today with the magazine in Tow.

Oh good, I was worried I was the only one who did that. Paul (NA5N)'s QRP Databook is my #1 All-time favorite reading material during my "quality time" breaks. :) Hey, how many folks can actually claim they come out of the john smarter and not just lighter? :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And that, my Liege, is how we know the Earth
to be banana-shaped." -- Monty Python and the Holy Grail

Date: Tue, 28 Apr 1998 18:08:58 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9413] FDIM
Message-ID: <00be01bd72fa\$a106a680\$4501e3d0@fred.ott.net>

Are there by chance any Days Inn hotel rooms left for FDIM? Things at
work just changed, and it looks like I may be able to attend.

If not, are all the surrounding hotels that I should be checking??

Thanks,

73s,

Fred Ringwald, ABOAE
fred@innocent.com

Date: Tue, 28 Apr 1998 17:21:01 -0600
From: Phil <k6ls@prolynx.com>
To: dphilbin@slonet.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9414] Re: Help finding Hamstick 20 meter antenna and mag mount
Message-ID: <3546645D.F20857@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

any decent Ham store should have them.

HRO did, last time I checked, and lets not forget AES, Ross,

Texas Towers, ect....they all deliver.

usual disclaimers.

--

73 de Phil, K6LS

Date: Tue, 28 Apr 1998 17:43:00 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Cc: "Krista" <110317.3613@compuserve.com>, "Kyra S Galchutt" <ky222@yahoo.com>, "Rich & Edie" <clseng@gte.net>
Subject: [9415] more..QRPTTF Story
Message-ID: <009e01bd72ff\$691d5980\$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

WOW....That was fun!!

After a week of mtn biking in the Utah desert with a few friends I peeled off Friday noon to go find a high butte for my QRPTTF site"near" the CO/UT border. I say near because my guess is I was maybe within a mile of the CO state line on the Utah side. To be technical I was on UT turf!

My location was on a high ridge overlooking the Colorado River 1000' below. Great views of the desert floor and Utah mtns to west and the CO rockies to east. Like several others I chose my site base on views and antennas possibilities.

Friday night was windy, rainy and some display of fireworks in the form of lightning. I decided to spend the night in the car instead of messing with the tent. I worked Ed/we6w and Randy/ab7tk with my SW40 and homebrew bug catcher antenna till late evening...some nice rag chews! Conditions weren't too bad compared to Saturday!

Saturday morning was chilly 50* with 25 knots of wind ...made for gloves and ski hat to work outside putting up the vertical. Used some my fifth grade geometry to figure out how to guy the thing and put it up single-handedly. (Who says 5 grade geometry math is irrelevant?) Forgot the tent stakes for tying off the guys so I used some big rocks which actually made it easier to straighten things out since I could just move them around easily.

With the antennas up (5/8 wave vert for 20m & 40m bug catcher) and nearing

start time I setup my table and gear outside seeing the temp was climbing fast into the 80's and the wind had stopped. T-shirt and shorts were the attire for the day so I thought.

About 5 minutes after the hour a herd of cattle showed up to graze my vertical down by stepping into the guy lines...I shouted at them only to get blank staresnot much sign of intelligence behind those big brown eyes? I was worried one of them would strangle themselves in the dacron guy cord! And some gun-slinging angry rancher would show upwondering the "____" I was doing to his cattle. But the cattle moved on with no ill affects. And no angry rancher or guns! It only took a few minutes to repair the damage and I was back in the contest.

90 minutes later...my site was hit with a "Dust Devil" (a dust twister)...log sheet and my ATU settings were air borne for about 20 minutes till the came down about 1500' from my site. Lost a hour retriving them....But enjoyed the hike anyway!

Clouds kept changing the tempeture which kept me changing clothes to stay comfortable. A little rain moved in and I hastily put up a tarp which flopped around so bad in the wind I took it down after the rain sqwal moved through. Finally I was chased off my ant hill about 2pm local due to lightning and more rain.

So between all the extra activities and interruptions I made only about 25+ contactshaven't totalled up the score yet...still trying to decipher my torn and water-stained log sheets! Great Contest....Big TKS to all of the QRP gang for joining in the fun and making it possible!!

I'll post some pictures on my website a soon as their out of the soup. I've redone my website to help decrease it's BW and improve the download time for the modem folks. It's still work in progress as I type this email... but by this Friday I should have most all of it back online. Not much in the way of technical content just pictures of my rigs and keys etc.!

72...Steve

N TU - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
Email: n0tu@webaccess.net
Homepage: <http://www.webaccess.net/~s&p/HRindex.htm>

Date: Tue, 28 Apr 1998 17:24:22 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9416] 1N914 Capacitances
Message-ID: <Pine.LNX.3.96.980428172252.17638C-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What is the typical capacitance range found on 1N914 diodes? 1N34? I'm looking to make a another VFO, one more suited towards ham radio use (my other one is excellent for digital electronics, but it has too wide a tuning range) on the 40m band. Thanks.

```
=====
KC5TJA/6      |                -| TEAM DOLPHIN |-
DM13          |                Samuel A. Falvo II
QRP-L #1447   |                http://www.dolphin.openprojects.net
=====
```

Date: Tue, 28 Apr 1998 19:51:25 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: psyodell@mail.provide.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9417] Re: query
Message-ID: <3546798D.ECAD7C7D@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Strikes me as an informal request for a repeat or a perhaps confusing substitute for "QRL?".

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Jerry W. O'Dell wrote:

>
> No not a bad joke, but frequently when I'm on 40cw,
> and I call CQ or QRL or anything someone simply sends

>
> "?" (a single question mark).
>
> No id, no nothing.
>
> Obviously it's a query, but what the devil does it mean?
> I don't think it's a recognized telegraphic symbol,
> and it certainly isn't a Q-code (I don't know 90% of those
> anyhow).
>
> Must have happened to me 20 times this afternoon, all from
> different stations. I call CQ CQ CQ de W8GND and I get a
> "?".
>
> Something slipped me by!
>
> 73 jerry w8gnd

Date: Tue, 28 Apr 1998 18:46:41 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9418] A short QRPTTF Recap DE KG5N
Message-ID: <5104C9F8B0B5D1118C250000F8062537488B53@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: quoted-printable

QRPTTF in April, in the Colorado Rockies, is never dull weather wise. =
It
was raining in Colorado Springs when I departed early Saturday morning =
for
Flourissant, CO. The selected QRPTTF site was on the Las Brisas =
Observatory
grounds at 8500 feet. (<http://shell.rmi.net/~mugele/lbo/>). Paul (WORW) =
is
the Director which made it easy to gain access to the facility. =20
I arrived on site about 1400 UTC and immediately began assembly of my =
35 ft
portable military mast which would support a 3 band, clip lead, dipole =
/
inverted V for 40, 20 and 15 meters which I had cut and assembled the
elements the night before. Then up with the tent, table, chairs, =
Sierra,
key, Gel-Cell, and Solar panel. Oh yes, and my HP200LX palmtop with =

TRLOG

which I was not too familiar. Only had the program a week. I was =
ready on
time at 1600 UTC but my antenna was not. 3:1 SWR on 40M and thus I =
lost
about 30 minutes "pruning and tuning" the wire. Finally about =
1.2:1....good
=E9nough!!

The weather was better at 8500 ft than in Colorado Springs (6100 ft). =
It was
sunny, a bit windy, but no problem inside the tent. Rick (K0SU) =
arrived
just as I had finished with the antenna, and he was operational on 20M =
about
30 minutes after I started. My first contact was with WY1W at 16:33 UTC
(40M). We were making Q's about every 3 to 5 minutes and the contest =
was
off and running. My first border contact was KK6MC, then N7CEE, then =
AA7MU,
WA7LNU, N7KT, NA5N, K7NX, this was GREAT!! Then we began to get =
drizzle,
some snow pellets which is actually more like freezing rain but =
lighter.
But not too bad as the sun would come back out and warm things up. But =
the
clouds were building, wind blowing, and I could feel the tent getting =
noisy
even with the headphones. It was cooler too! K0GM, K5AAR, WA2IPT, =
KI6DS,
the border stations kept coming in and I soon forgot about what was
happening around me. Propagation on 40M seemed good to me.
But by 22:53 UTC I had to shut down due to the snow and wind. It was
getting muddy and so I lost 75 minutes of operating time putting =
everything
away. I packed the radio gear carefully away, the antenna mast took =
the
longest to disassemble, and finally just stuffed the tent into the back =
of
the Jeep after shaking the white stuff off it. I joined Paul in his
Observatory warming hut and connected my Sierra up to his vertical and
operated until the end of the contest for just a few more contacts on =
20M.
W0QF was my last border station but I managed to pick-up WA2TDL (NY) ,
KE4IZH (VA), and W4DEC (AL) which I also needed for QRP WAS. =20
I observed on 40M that the propagation seemed to favor the West rather =
than
East. My inverted V, apex at 35 feet was broadside due East and West. =
My

best eastern contact was N400 (FL) on 40M. I think he was in a =
different
contest but he gave me the QSO info I needed. Minnesota, Missouri,
Wisconsin were sounding very good as well. Overall the contest was =
great
with the ops out on the borders really making the QRPTTF 1998 effort a
success. Thanks to all you border stations who planned and put =
together
your stations out there for us to work. Is this hobby fun or what? =
Seems
there's something in it for everyone!
So here's my field (no border) score:
40M: 67 QSO's, 22 SPC's
20M: 27 QSO's , 17 SPC's
TOTAL: 73,320 points.
DE KG5N NorCal # 2228, CQC # 146

Date: Tue, 28 Apr 1998 19:57:55 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: jdenison@morelr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9419] Re: wire/rope/yagi updated
Message-ID: <35467B13.BDF5324E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel, take a look at LB Cebik's Web page and research his material on
the Moxon Rectangle antenna. Looks tailor made for your application.

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Tue, 28 Apr 1998 20:03:27 -0500
From: Karl Heimbach <heimbach@concentric.net>
To: "qrp-l@LEHIGH.EDU" <qrp-l@Lehigh.EDU>
Subject: [9420] Thump in Ten-Tec 13XX rigs
Message-ID: <35467C5F.295@concentric.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I've one of each of the Ten-Tec 1340, 1330, and 1320 QRP rigs. I'm generally happy with the sensitivity and keying of these rigs, but am a bit disappointed at the noticeable thump between keyup and keydown.

Has anyone found a way to make these otherwise nice rigs sound like a Ten-Tec?

Regards,

Karl - W5QJ

Date: Tue, 28 Apr 1998 21:21:43 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: grudin@pacific.vdbs.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9421] RE: Query
Message-ID: <3.0.1.32.19980428212143.00e1c610@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:22 PM 4/28/98 -0700, Jeff Grudin wrote:

>I think I always take it as you guy's have to mean the person there
>didn't catch enough of what you sent to call you back, pse repeat your
>call.

>

>One thing I haven't quite figured out is when you send QRL? and get the
>reply "NO". Does that mean the frequency isn't busy and I have nothing
>better to do then sit here and let people know that? or NO don't even
>think about using this frequency.

A true story:

I was sitting here doing something on this keyboard - probably playing a game of Klotski. Behind me sits an Icom 751A and outside the window is a G5RV at about 25 ft.

I hear QRL?
Again QRL?
I send NO because it wasn't!

I hear QRZ? I know - improper use of QRZ?
I send K8DD

Three hours later I knew what it was like to ride a Merchant Marine ship back and forth across the Atlantic Ocean using a big old spark transmitter.

20-25 WPM with a straight key and a decent fist. One of the more memorable QSO's with a 90 yr old gent somewhere in the New England states.

If I hear a QRL? again, will I answer? You bet! It might be him.

73 Hank K8DD

Date: Tue, 28 Apr 1998 21:45:07 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <QRP-L@Lehigh.EDU>
Subject: [9422] Just got a GM3 on my SST -- hey that rhymes
Message-ID: <199804290144.UAA21359@dfw-ix12.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm still trying to recover from QRPTTF so I figured I'd toss a 20m vertical dipole up in a tree and see what happened. Used my 20m SST, gel cell, Tick Keyer and Whiterook key. Got TX this morning and FL, ID and a GM3 just after dinner. I guess things are picking up on 20.

72/73,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 50/49 (need HI card)
WAC QRP W/C 6/3
WAS QRPp W/C 15/15 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer combo)
DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

Date: Tue, 28 Apr 1998 18:54:20 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9423] elmer 101: diodes questions...
Message-ID: <3546884C.F6516A2@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I have a few questions on diodes, I have looked in Paul Harden's Book and in the W1FB design book but none have really answered my questions. I know that they are rectifiers. They conduct in only one direction. (OK OK there is a small leak current backwards and OK OK there is also the case of Zener diodes) Zener diodes are used in regulator applications. (Also in high SWR protection) But I haven't found any information on the limits of the diodes (except maximum reverse voltage and max current).

A good discussion on diode types such as the one on capacitors in Paul Harden's book might be quite interesting.

I want to know the differences and similarities of the different diode types:

- Rectifier Diodes
- General Signal Diodes (1n914 or 1n4148)
- Germanium diodes
- Schottky or Hot carrier Diodes
- Zener Diodes
- Tuning diodes
- PIN diodes

What applications are they used or not used. Why?
For what reason should I choose one type over another.

By what types of diodes can I replace another type?
(Of course it depends on the application).
What I want here is more a few good rules of thumb rather than flames about my questions...

For switching RF, PIN diodes are used. Can I use another type?

I know that Hot carrier diodes are recommended for mixers because of their reproducibility in a producing batch. Are there any other reasons? What other uses do they have?

What happens as the frequency goes up with these types of diodes? (As an exemple, some capacitors can be more of inductive at high frequencies)

What frequency limit do they have? (at HF they are good but VHF is another story...)

Diode capacitance might enter in the discussion here...

Is there anything that we should know about using special diodes for certain applications.

Anyone have rules of thumb for designing circuits with diodes.

Thanks. I am sure this will help.
And quite probably more than one...

There should be a FAQ on diodes...

--

```

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             ( o o )
-----o000--( )--000o-----
Pierre Constantineau B.Eng      Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate   Phone: (604) 822-2913
Flash Smelting Group           Fax:   (604) 822-4750
Centre For Metallurgical       111-2355 East Mall
Process Engineering            Vancouver, BC, Canada
U. of British Columbia .ooo0    V6T 1Z4
http://noname.cmpe.ubc.ca ( )   Oooo.  Amateur Radio: VE7JPC
-----\ (----( )-----
              \_)      ) /
                  (_/

```

Date: Tue, 28 Apr 1998 22:02:27 EDT
From: WUOL <WUOL@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9424] NOUR QTTF Story
Message-ID: <586d4326.35468a35@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

NOUR

Could you please re-post (or send to me) your QTTF story. I was just getting started on it and my wife interrupted me. When I returned to the computer sometime later, it was deleted. It sounded really great. I worked you on both 20 and 40.

73 Mark WUOL

Date: Tue, 28 Apr 1998 22:03:51 -0400
From: "Alan Slusher" <aslusher@erols.com>
To: <w5yr@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9425] Re: query
Message-ID: <006c01bd7313\$0fab4f60\$fb33accf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Jerry W. O'Dell wrote:

>>

>> No not a bad joke, but frequently when I'm on 40cw,
>> and I call CQ or QRL or anything someone simply sends

>>

>> "?" (a single question mark).

>>

>> No id, no nothing.

>>

>> Obviously it's a query, but what the devil does it mean?

>> I don't think it's a recognized telegraphic symbol,

>> and it certainly isn't a Q-code (I don't know 90% of those
>> anyhow).

>>

>> Must have happened to me 20 times this afternoon, all from
>> different stations. I call CQ CQ CQ de W8GND and I get a
>> "?".

>>

>> Something slipped me by!

>>

>> 73 jerry w8gnd

I've encountered this fairly frequently. It seems to mean:

" I hear someone out there who I think is calling CQ, but I'm not sure and I did not get the call. Could the person calling try it again, please?"

When I've been sending CQ and respond on that assumption of the meaning of " ? ", I almost always get a call (QRM, QRN, and QSB willing).

My \$0.02.

Alan W3/ V31FA
Rockville, MD

Date: Wed, 29 Apr 1998 01:12:41
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [9426] 10 METERS THIS WEEKEND
Message-ID: <199804290213.VAA07282@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Just saw a note on the 1010 list that the 1010 club cw contest is this weekend...
0000z Sat to 2400z Sun.....Mentioned 28.070 as a 1010 calling freq....

Lets oil up the 10m gear....

If there's ever going to be someone on looking for contacts it should be this weekend....

You propagation Gurus do your dance.....

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Tue, 28 Apr 1998 21:36:52 -0500 (CDT)
From: "Phillips Richard" <phillips@msoe.edu>
To: qrp-l@Lehigh.EDU
Subject: [9427] Schematic drawing
Message-ID: <Pine.OSF.3.96.980428212849.10396B-1000000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, here goes, my first query to the group. I am looking for a schematic drawing program. Something with lots of built in symbols including tubes. I have tried a few drafting programs but would have to build my own libraries. I don't have the time or patience for this. I would prefer shareware so I could try before I buy, but will consider any suggestions. Thanks in advance.
Rich, AA9L

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Tue, 28 Apr 1998 20:04:47 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9428] A last VFO Question
Message-ID: <354698CF.7CBC@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I do have one last question about the VFO actually two.

Why are there so many parallel and series capacitances? Why not just one plus the Varactor?

Also why are they placed as they are in different places in the VFO?

--

73 de Jeff AC6KW
grudin@vdbs.com

Private Practice : Companion Animals and Exotics

Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Tue, 28 Apr 1998 23:05:24 -0400
From: n2jgu@juno.com (Gary M Diana)
To: qrp-l@Lehigh.EDU
Cc: embres@frontiernet.net
Subject: [9429] Survey: New Product Possibility
Message-ID: <19980428.230634.3478.2.n2jgu@juno.com>

Hello All -

If you have any interest in commenting on a new product idea,
please visit the Embedded Research page
(<http://www.frontiernet.net/~embres>).
There you will find a feature list, image, and a link you can click on to
send us your comments.

Thanks and 73 for now...
Gary N2JGU / Brad WB8YGG
Embedded Research
<http://www.frontiernet.net/~embres>
embres@frontiernet.net
Dayton Hamvention98 - See us in Booth #205

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 28 Apr 1998 23:12:38 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [9430] Elmer 101: web site updated

Message-ID: <35469AA6.4BE@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've added as much VFO stuff as I could get together on the web site.
<http://www.qsl.net/kf4trd>
Check back often as I'm trying to clean it up as much as possible.

Also, I think the class is going very well. No repeat questions or repeat answers. Very well done students and all who are helping. I have on the "class details" that all questions should go directly to me. I no longer think that is a good idea. I was worried about things getting out of hand, and up till now it has been very tame. So post away.

Thanks all!
--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Tue, 28 Apr 1998 21:19:46 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Cc: GQRP-L List <qrp-l@blacksheep.org>, arnie@radiohc.org
Subject: [9431] GEOMAGNETIC STORM APR 29-30
Message-ID: <Pine.SOL.3.91.980428210045.9190B-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yesterday's X-class flare and CME *will* trigger enhanced geomagnetic disturbances and minor to major storming April 29-30th. Effects in the higher latitudes (>45 deg. N) will be worse. The solar flux is also rising as a result. The best time for low-power work will probably be May 1 (late day) to May 2 as the geomagnetic field settles to normal levels and finding the solar flux once again above 100.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 118 ISSUED AT 2200Z ON 28 APR 1998

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE
> QUIET TO UNSETTLED UNTIL NEAR MIDDAY ON 29 APR WHEN A HALO CME
> RELATED DISTURBANCE IS EXPECTED TO BEGIN. UNSETTLED TO MINOR STORM

> CONDITIONS SHOULD BE EXPERIENCED FROM THAT TIME AND THROUGH 30 APR.
> ISOLATED PERIODS OF MAJOR STORMING ARE POSSIBLE. PREDOMINANTLY
> UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED ON 01 MAY AS THE
> DISTURBANCE PASSES THE EARTH.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 28 APR 098 <----- see, it's going UP
> PREDICTED 29 APR-01 MAY 099/100/103

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 27 APR 012/014
> ESTIMATED AFR/AP 28 APR 010/015
> PREDICTED AFR/AP 29 APR-01 MAY 020/020-020/020-015/015

72, Paul NA5N

Date: Tue, 28 Apr 1998 23:29:06 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9432] Re: question mark
Message-ID: <Pine.GS0.3.96.980428232837.7513A-1000000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You dont get freqs assigned by the FCC. It is a joke....

: -)))

73

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Tue, 28 Apr 1998 20:34:49 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>

To: <qrp-1@Lehigh.EDU>
Subject: [9433] Chris Cartwright address !!
Message-ID: <19980429033617.AAA6316@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

You might have noticed that Doug suggested Chris be contacted for details of the QRPp Article Rig made into a super-Altoids container.

He might not be ready for the onslaught, but here's his address from a recent post!

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com
--
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart>
--
-- QRP-L #655 NORCAL #1891

73/72 de alan
Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Tue, 28 Apr 1998 23:32:48 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9434] Re: GEOMAGNETIC STORM APR 29-30
Message-ID: <Pine.GS0.3.96.980428233222.7513B-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am new to HF propogation. Does this mean HF is going to be bad?

Date: Tue, 28 Apr 1998 23:16:46 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: phillips@msoe.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [9435] Re: Schematic drawing
Message-ID: <3546A9AE.1FA67A1F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use IMSI's TurboCad 4.0 Professional. It comes with tons of symbols, especially electrical and electronic units. Compares with AutoCad 14 in 2D capabilities for about 5% of the price. I highly recommend it for general CAD work and find it very good for schematics. I also have AC 14 but prefer TurboCad for ease of use. It also has a 3D package with it.

--

72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Phillips Richard wrote:

>
> Well, here goes, my first query to the group. I am looking for a
> schematic drawing program. Something with lots of built in symbols
> including tubes. I have tried a few drafting programs but would have to
> build my own libraries. I don't have the time or patience for this.
> I would prefer shareware so I could try before I buy, but will consider
> any suggestions. Thanks in advance.
> Rich, AA9L
>
> Richard Phillips
> Lab Technician
> Milwaukee School of Engineering
> 414-277-7388, phillips@msoe.edu

--

72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 29 Apr 1998 00:20:15 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: grudin@pacific.vdbs.com
Cc: qrp-l@Lehigh.EDU
Subject: [9436] Re: A last VFO Question

Message-ID: <97763674.3546aa80@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-28 23:05:08 EDT, you write:

<<
Also why are they placed as they are in different places in the VF0?
-- >>
UUmmmm Oh I know.
Because they can't put them all in the same spot??
JUST JOKEING
The voices made me do it
Bob
WA2HOQ

Date: Wed, 29 Apr 1998 04:21:49 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9437] The Double-Altoids container
Message-ID: <3546aa54.339727206@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Tue, 28 Apr 1998 20:34:49 -0700, "Alan Kaul W6RCL"
<alan.kaul@worldnet.att.net> wrote:

>You might have noticed that Doug suggested Chris be contacted for =
details
>of the QRPP Article Rig made into a super-Altoids container.

I looked at this for possibly putting a CMOS II in at one point, except I
wasn't going to cut the bottom/top and solder. I was going to put them =
bottom
to bottom, mount with screws, and a cut-through for wires, etc. Then, =
one
compartment would be for the keyer, the other for the batteries and =
speaker!

But, I couldn't get a drill through the Altoids tin ...

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Tue, 28 Apr 1998 23:25:52 -0500
From: "ukii" <ukii@megsinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9438] Re: GEOMAGNETIC STORM APR 29-30
Message-ID: <01ef01bd7326\$e77507c0\$d64e85d0@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I am new to HF propogation. Does this mean HF is going to be bad?
>

No,it just means that you need to use the magnetic umbrella for
the next few days...
Also,watch out if your wearing steel toed boots!

Date: Tue, 28 Apr 1998 21:27:30 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU
Subject: [9439] 1/2 Wave Antenna
Message-ID: <l03130300b16c6a51b68a@[207.159.15.53]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I remember seeing a 1/2 wave antenna, I believe, which had the matching
section in a 35mm plastic cannister. It was on someone's web page. Anyone
know where I might find this antenna???

Thanks in advance,

72/73,

Ward Hill, WA6FUH
Engineer at KOVR, Channel 13 (CBS), Sacramento, CA
"Where excuses stop, achievements begin"
Life Member ARRL NorCal #2660 10-10 #27139 QRP-L #1117 AK/QRP #249
All QRP, All home built/home brew equipment
w_hill@ns.net
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Wed, 29 Apr 1998 00:44:45 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: pharden@aoc.nrao.edu, malman@world.std.com
Subject: [9440] Solar Stuff ...
Message-ID: <199804290444.AA19679@world.std.com>

Paul,

> Yesterday's X-class flare and CME *will* trigger enhanced geomagnetic

Yes, thanks for all that info... For sure, the HF bands have been really bad for DX the past few days. Yesterday, (April 28), seems to have been a break in the bad news on the higher bands. I did work 9A1HCD on 15 meters and TI6NW on 17 meters (right after K0EVZ worked him). But according to your report Wednesday and Thursday this week will be bad news. To bad... Guess it's time to 'melt solder' for the next few days.

cheers and 72,

/joel wa1qvm (Concord, Mass)

Date: Wed, 29 Apr 1998 00:32:31 -0500
From: Larry Jones <ljones@flash.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [9441] Will be in Wichita Kansas area...
Message-ID: <3546BB6F.419D@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings Gang...

This is primarily for the guys in the Wichita Kansas area. I will be coming to Wichita on Friday. Should arrive there about 5-6PM. Would be interested in going out for a late supper with someone if anyone is interested. Email me direct...

Later Larry N50SG

Larry Jones N50SG
Garland Tx
email: ljones@flash.net

Date: Tue, 28 Apr 1998 22:53:31 -0700
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: "Anne-Laure_Jaouen@sharwoods.com" <Anne-Laure_Jaouen@sharwoods.com>, Dawn Soehren <dsoehren@kccls.org>, Don Collins <collins4@nwineternet.com>, Mike KC7WPQ <kc7wpq@juno.com>, QRP <qrp-1@Lehigh.EDU>, Wayne Barnhart <wb7whi@triax.com>, "wmundell@mail.ewu.edu" <wmundell@mail.ewu.edu>
Subject: [9442] re: My Status
Message-ID: <3546C05B.6B580076@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Sorry I have been out of touch for a few days, but I have been maddenly or a more correct word would be, insanely busy, putting my truck back together. After putting the valve-heads and intake manifold on, I some how got a little screwed up on the torqing sequence, hench, I developed a leak on one of the rear valve-head bolts. So, I had to take the left head back off and replace the new head gasket with another. It took me approximately 3-hrs (record time!) from start to finish...not bad. This time...no leaks!

Anne, I will write you a note in a day or so.

Fellow QRPers... now it's time to get on with the 40-meter radio Elmer Project.

This Saturday is Bloomsday... 7.4 mile fun-run. I'll be there with approximately 60,000 other runners, will you?

Take care.

Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Tue, 28 Apr 1998 23:04:05 -0700
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9443] Re: Schematic drawing
Message-ID: <3546C2D4.21804408@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi George,

I do autocad work for my job and I use AutocadLT. I was wondering how much approximately is this TurboCad? How much did you pay for it?

--
Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

George T. Baker wrote:

> I use IMSI's TurboCad 4.0 Professional. It comes with tons of symbols,
> especially electrical and electronic units. Compares with AutoCad 14 in
> 2D capabilities for about 5% of the price. I highly recommend it for
> general CAD work and find it very good for schematics. I also have AC 14
> but prefer TurboCad for ease of use. It also has a 3D package with it.

>

> --

> 72/73, George

> Amateur Radio W5YR

> QRP-L #1373 QRP ARCI #9583

> AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

>

> Phillips Richard wrote:
> >
> > Well, here goes, my first query to the group. I am looking for a
> > schematic drawing program. Something with lots of built in symbols
> > including tubes. I have tried a few drafting programs but would have to
> > build my own libraries. I don't have the time or patience for this.
> > I would prefer shareware so I could try before I buy, but will consider
> > any suggestions. Thanks in advance.
> > Rich, AA9L
> >
> > Richard Phillips
> > Lab Technician
> > Milwaukee School of Engineering
> > 414-277-7388, phillips@msoe.edu
>
> --
> 72/73, George
> Amateur Radio W5YR
> QRP-L #1373 QRP ARCI #9583
> AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 29 Apr 1998 00:15:36 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Richard Brittingham <rbritt@visi.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9444] Re: GEOMAGNETIC STORM APR 29-30
Message-ID: <Pine.SOL.3.91.980428235356.15003B-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Apr 1998, Richard Brittingham wrote:
> I am new to HF propogation. Does this mean HF is going to be bad?

Yesterdays disturbance caused a solar storm that occured for a short duration, an hour or two. That storming is caused by the radio emissions generated DURING and shortly after the disturbance, and traveling towards Earth at about the speed of light.

Then about 2 days later, the particle radiation, which travels about 1/10th the speed of light, strikes the Earth *if* the Earth is in its trajectory of travel. What happens is the particle radiation forms a shock wave, which collides with the Earth's magnetic field. This makes the magnetic field that surrounds the Earth wiggle almost like Jello. This wiggling action generates huge electric currents that flow along our magnetic field lines, which in turn generates various forms of noise ... from elevated background noise (that is, a constant S-5 noise level or higher) and static bursts and crashes. Furthermore, these particles can enter the Earth's magnetic field at the polar caps (where the field is the weakest), get trapped in our ionosphere which depletes the ionization of the E and F layers (there goes skip propagation and a low MUF) or even down to the D layer which causes high absorption of signals (there goes getting RF *anywhere*).

In severe cases, the MUF (Maximum Usable Frequency) will drop to less than the LUF (Lowest Usable Frequency). This produces high absorption on ALL HF frequencies, or a "blackout" condition.

For our current situation ... there was an X-class flare yesterday that produced a short duration solar storm, and hence bursty conditions for an hour or two on Earth. Tomorrow, the particle radiation (the slow moving stuff) will hit us, causing a geomagnetic storm, or basically a bunch of static. The geomagnetic disturbance will be noted by very high constant noise levels on the HF ham bands, while a geomagnetic storm will produce static bursts and crashes. So while the solar flux is fairly high for normally good propagation, it will be masked by the very large noise levels and possible absorption of RF on the HF frequencies. It may range from being a strong nuisance to try and operate through, to the bands just being pretty much dead due to the huge noise levels. But geomagnetic storms seldom last more than a day or two when triggered by a single event, such as in this case.

Hope that explains it fairly well. You can now check off your "Solar Phenomenon" lesson on your Elmer 101 card -hi. And as Arnie Coro pointed out ... the bright side of such "shut downs" of the HF ham bands is a golden opportunity to "plug in the soldering iron."

72, Paul NA5N

Date: Tue, 28 Apr 1998 23:50:47 -0700
From: Conrad <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [9445] SGC speaks to QRP-L
Message-ID: <01BD7300.7AC58080@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Fellow QRPers,

I've been following the SG-2020 reviews/comments with interest and =
recently talked with SGC's Jeff Halliburton / WA7JH - Sales and =
Marketing Director. My initial goal was to secure an evaluation unit =
from SGC, review it and provide all of you with a product review. =
Unfortunately, SGC has no evaluation units available prior to Dayton. =
With my hands-on review of the SG-2020 delayed for several weeks, I'm =
posting a FAX that Jeff Halliburton sent to me with the hope of =
informing the QRP community of SGC's design goals for the SG-2020, their =
'non-relationship' with Index Labs and the QRP-future of the SG-2020. =
Following is Jeff's FAX to me. Hope you find it of interest.

Disclaimers: I have no financial interest in SGC. I'm a QRPer and a =
writer.=20

72 - Conrad Weiss - nn6cw

Attn: Conrad Weiss - NN6CW

RE: SG-2020=20

Dear Conrad,

Thanks for your fax and attached comments by Peter Zenker. Naturally we =
would like to address some issues that this "evaluation" raises. We =
would also like to respond to the Index Labs rumor that has been spread =
throughout the amateur / QRP community. Hopefully you can present this =
information in an unbiased manner which will serve to neutralize the =
misinformation that seems to spread much faster than facts.

Index Laboratories, located in Gig Harbor, WA, stopped all manufacturing =
and production of their QRP Plus radio sometime in 1996. SGC did not =
acquire Index Labs, nor has any interest or part of this company.=20

As a result of the closure of Index Labs, Bruce Franklin was contracted =
as a part of our design engineering team on a new product, the SG-2020. =
SGC has no other connection with Index Labs.

As you know, SGC has been designing and manufacturing HF communications = equipment, primarily for the commercial market for over 25 years. As = such, our primary emphasis has naturally leaned toward the SSB and data = modes of transmission. Because our products are designed to perform = reliably in very harsh conditions over the entire HF (1.8 to 30 MHz) = bands, they have also been widely accepted and used by radio amateurs in = all parts of the world.=20

We recognize the substantial and influential base of customers, and = greatly appreciate their business support. Obviously, there is a great = deal of "overlap" between the commercial and amateur markets, and our = product line meets the needs of a broad base of customers.

With this in mind, it is fair to say that the new SG-2020 is = representative of all products bearing the professional SGC label: (a) = it is built for reliable, consistent, durable performance; (b) it was = designed to be used by a broad base of radio operators; (c) it has been = optimized for voice and data transmission modes.

We recognize that there are some hams who are expecting the SG-2020 to = deliver unsurpassed performance in their preferred mode of operation - = QRP CW. While the SG-2020 performs very well in low power CW operation, = it's also unrealistic to expect one product to completely meet every = operator's expectations. For any HF radio to be a success it must appeal = to a diverse market. For this reason, the SG-2020 (as it comes from the = factory) has been optimized for voice and data modes.=20

However, this is not to say that there is no room for 'tweaking' its = characteristics for maximum performance in CW. In fact, we welcome the = QRP community to suggest and implement any enhancements that will = improve the performance of the SG-2020. After all, isn't that what most = hams really find most gratifying - making a good piece of equipment even = better?

Finally, please recognize that many of us here at SGC are also hams, = including myself and our President, Pierre Goral, KI7UA. We are thrilled = to introduce a new AMERICAN MADE product that has generated such = excitement and will fill such a need among radio amateurs. With band = conditions steadily improving, there will soon be thousands of hams = working the world with 20 watts or less - myself included!=20

I'm sure this hasn't answered all of your questions and concerns, but = hopefully it will clear up several issues that needed to be addressed. = We appreciate your willingness to convey our message to the hams that = you are in contact with. We will also be posting updated information, = evaluations and statements concerning the SG-2020 to our website very = soon.

Thanks again for your assistance and interest in SGC equipment.

Best regards,

<signed>

Jeff Halliburton, WA7JH
Sales & Marketing Director
SGC, Inc.

Date: Wed, 29 Apr 1998 00:18:55 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Richard Brittingham <rbritt@visi.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9446] Re: question mark
Message-ID: <Pine.LNX.3.96.980429001840.23222D-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Apr 1998, Richard Brittingham wrote:

> You dont get freqs assigned by the FCC. It is a joke....

That's what I thought... :D

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Wed, 29 Apr 1998 10:58:10 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [9447] RE: SGC speaks to QRP-L / 2nd rig tested
Message-ID: <000301bd7354\$9f452d80\$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

They are honest boys at SGC, they state what I was afraid to be the problem:

> the SG-2020 (as it comes from the factory) has
> been optimized for voice and data modes.

What I cannot agree is

> While the SG-2020 performs very
> well in low power CW operation, it's also unrealistic to
> expect one product!
> to completely meet every operator's expectations.

because any operator who buys a rig with built in CW option including electronic keyer and advised "full bk" at least wants to have a rig that allows to run a CW QSO even in a normal band situation. Normal is, that there are some other stations on the band, normal is that a keen CW operator will become sick if a rig doesn't allow to read a 15 WPM signal because dashes are broken into dots by a second CW signal 2 kHz off the frequency.

The BAD NEWS are, that a second group of QRP Ops in DL had the opportunity to test another SG2020.

They had the same results as I. If there are some other CW stn nearby, the wanted signals are blocked depending on the rhythm of the other signals even if the unwanted signal is only S5, the sidetone has terrible key clicks and is plopping and the relay noise is bad music in the shack. All this has been reported to SGC, rig has been sent back to SGC.

To rigs both with the same failure as result of transport only?

I will stop testing now, until SGC will send out a rig with full functionality. If it will be possible to run some CW QSO on 40 / 75 Meter under standard conditions without using Sierra or an 38S as receiver, it will be a big pleasure for me to tell the list, that the SG2020 works, but until that happens, for me as a CW operator it is worthless to waste more time testing an SSB only rig.

If you are SSB only operator, I think the SG2020 is worth its money (much more, than the QRP+ was for SSB)

See you in Dayton

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Conrad
> Sent: Mittwoch, 29. April 1998 08:51

> To: Low Power Amateur Radio Discussion
> Subject: SGC speaks to QRP-L
>
>
> With this in mind, it is fair to say that the new SG-2020 is
> representative of all products bearing the professional SGC
> label: (a) it is built for reliable, consistent, durable
> performance; (b) it was designed to be used by a broad base
> of radio operators;!
> (c) it has been optimized for voice and data transmission modes.
>
> We recognize that there are some hams who are expecting the
> SG-2020 to deliver unsurpassed performance in their preferred
> mode of operation - QRP CW. While the SG-2020 performs very
> well in low power CW operation, it's also unrealistic to
> expect one product!
> to completely meet every operator's expectations. For any HF
> radio to be a success it must appeal to a diverse market. For
> this reason, the SG-2020 (as it comes from the factory) has
> been optimized for voice and data modes.

> Best regards,
>
>
> <signed>
>
>
> Jeff Halliburton, WA7JH
> Sales & Marketing Director
> SGC, Inc.
>
>
>

Date: Wed, 29 Apr 1998 02:26:54 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: qrp-l@Lehigh.EDU
Subject: [9448] "Top of the World" Pictures on line
Message-ID: <v03007800b16cbcec4147@[204.119.15.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

I have placed several pictures from my trip to the Alaska / Yukon Territory border on the Alaska QRP Club website... I will be placing some more photos, including some of the operating position when my last roll of film is processed... This is a fairly healthy download so be patient...

<http://www.ptialaska.net/~bhoppers/akqrp/TTFPIX98.html>

Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhoppers/akqrp>

Date: Wed, 29 Apr 1998 06:31:36 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "George T. Baker" <w5yr@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9449] Re: Schematic drawing
Message-ID: <Pine.GS0.3.96.980429062713.12962D-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Re: TurboCAD v4: Version 5 with integrated 3-D ability and other features is just now coming out. Have done some beta testing on it. It may be overkill for schematic drawing, since I have used v 2 - 4 and have not yet used all the features. But very interesting alternative, especially if you do combinations of drawings and schematics. The symbols library is very extensive (as I recall, over 10K) and includes symbols for everything from electronics to plumbing to architecture. A very good feature vs price ratio.

Not a sales pitch; just a user review.

-73-

LB, W4RNL

Date: Wed, 29 Apr 1998 06:41:31 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-1@Lehigh.EDU
Subject: [9450] My personal frequencies
Message-ID: <199804291041.GAA19315@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You guys can't take a joke. I also own
7030, 7032, 7034, 7036, and 7040, which latter
some of you abuse shamefully.

Printed right on my license.

Jerry W8GND

Date: Wed, 29 Apr 98 4:37:35 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: radman@best.com
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [9451] Re: SGC speaks to QRP-L
Message-ID: <9804291137.AA13786@wizard.ucs.sfu.ca>

Hi Conrad,

Thanks for the post. Please pass on to Jeff that he has lost another
prospective customer. The invitation to "tweak" when it should have
been done in the original design is beneath contempt.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

Date: Wed, 29 Apr 1998 06:46:04 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <psyodell@mail.provide.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9452] Re: My personal frequencies

Message-ID: <007501bd7364\$64c81540\$5770d9d0@fred.ott.net>

You can't have those, because I got 7034, 7040, and 7047 printed on my license. Did the FCC make a mistake???

73s,

Fred Ringwald, AB0AE

fred@innocent.com

-----Original Message-----

From: Jerry W. O'Dell <psyodell@mail.provide.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, April 29, 1998 5:43 AM

Subject: My personal frequencies

>You guys can't take a joke. I also own
>7030, 7032, 7034, 7036, and 7040, which latter
>some of you abuse shamefully.

>

>Printed right on my license.

>

>Jerry W8GND

>

>

Date: Wed, 29 Apr 1998 08:10:28 -0400

From: km3d@juno.com

To: qrp-l@Lehigh.EDU

Subject: [9453] K1MG Counter/Clock in my Cascade !

Message-ID: <19980429.081039.7830.0.km3d@juno.com>

Hi Guys,

Just finished shoe-horning Mike Gipe's Counter into my Norcal Cascade. The LCD did fit on the front panel, but there wasn't room to mount the LCD on the circuit board (the board was bigger than the room on the front panel..... So I mounted the board horizontally behind the LCD and ran hookup wire to the LCD (short lengths).

I did have a problem with one of the display segments, but Mike did a great job of pointing me toward my problem. It was up and running after a short session with the soldering iron. Never again will I have

to guess about my rig's frequency! Wouldn't hesitate to put a counter in the next rig, either.

73, Harry, KM3D (replies to 'bump@redrose.net')

QRP Mobile (w/ Hustler antennas)
20m CW - NN1G w/Curtis Keyer
75 + 20m SSB - Norcal Cascade

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 06:37:58 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: radman@best.com, qrp-l@Lehigh.EDU
Subject: [9454] Re: SGC speaks to QRP-L
Message-ID: <35471F26.A38CD125@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like to me that they just scrimped on the CW side of the rig. There are lots of "other" commercial rigs out there that can do SSB and a good job on CW as well. Yes I know that this radio is "only" \$600 but, take a look at all of the "cheap" QRP radios out there that are single and multi band that are killer CW rigs! I don't buy the excuse of "inexpensive" as any excuse why a radio should not at least be "good" on CW or offer an optional filter or two to make up for the difference. Seems like a good radio, but on the other hand, look at radios like the FT-840 and the DX-70. Nearly in the same price range, and sound like they will be MUCH better all around performers than the SGC radio. I would rather spend \$700-\$800 dollars and have a better SSB/CW rig that "settle" for marginal CW performance just because a radio cost a few bucks less. That is one of the reasons that the Scout that I had went back to Tentec. The CW performance on strong signals and filter skirting was just unacceptable for me and I would not consider myself to be a "serious" CW op, although that is my preferred method of operation.

Ok, now back in to my cave.....

Jess N0TFI

Conrad wrote:

> Fellow QRPers,
>
> I've been following the SG-2020 reviews/comments with interest and recently
talked with SGC's Jeff Halliburton / WA7JH - Sales and Marketing Director.
>
> *****
>
> Attn: Conrad Weiss - NN6CW
>
> RE: SG-2020
>
> Dear Conrad,

> As such, our primary emphasis has naturally leaned toward the SSB and data modes
of transmission. Because our products are designed to perform reliably in very
harsh conditions over the entire HF (1.8 to 30 MHz) bands, they have also been
widely accepted and used by radio amateurs in all parts of the world.
>
> With this in mind, it is fair to say that the new SG-2020 is representative of
all products bearing the professional SGC label: (a) it is built for reliable,
consistent, durable performance; (b) it was designed to be used by a broad base of
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> We recognize that there are some hams who are expecting the SG-2020 to deliver
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expect one product to completely meet every operator's expectations. For any HF
radio to be a success it must appeal to a diverse market. For this reason, the
SG-2020 (as it comes from the factory) has been optimized for voice and data
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>
> However, this is not to say that there is no room for 'tweaking' its
characteristics for maximum performance in CW. In fact, we welcome the QRP
community to suggest and implement any enhancements that will improve the
performance of the SG-2020. After all, isn't that what most hams really find most
gratifying - making a good piece of equipment even better?
>
> Best regards,
>
> <signed>
>
> Jeff Halliburton, WA7JH
> Sales & Marketing Director
> SGC, Inc.

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/N0TFI/bug.html> Bug Stories

Date: Wed, 29 Apr 1998 08:40:16 -0400
From: Fred Lesnick <flesnick@Quetico.tbaytel.net>
To: qrp-1@Lehigh.EDU, njqrp@njqrp.org
Subject: [9455] 10 metre beacon
Message-ID: <35471FB0.BBC@tbaytel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listen for my 10 metre beacon on 28.241 MHz. I am running 5 watts into a vertical at 20 ft. Rig is an HTX 100 and IDer is an MM3 from AEA. Let me know if you hear the beacon. I am working on a certificate for all correct reports. The call is VA3SBB.
Thanks Fred VE3FAL

Date: Thu, 30 Apr 1998 06:20:56 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [9456] Re: GEOMAGNETIC STORM APR 29-30
Message-ID: <3.0.1.32.19980430062056.006a8440@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:15 AM 4/29/98 -0600, you wrote:

<snip>

... the bright side of such "shut downs" of the HF ham bands is a
>golden opportunity to "plug in the soldering iron."

>

>72, Paul NA5N

>

>

>

>

But there are potential opportunities if one has VHF SSB/CW capability. According to one solar data source we should look for enhanced high-latitude auroral activity, which means the VHF'ers can point those antennas north and keep an eye out. Nothing like raspy CW :>)

There is a possibility of visual aurora north of a line from about northern Washington through South Dakota and southern Wisconsin and east through New England.

Jack, W7PW
Jack Parker, W7PW
78 Middleton Way
Fernley, NV 89408

Date: Wed, 29 Apr 1998 08:24:14 -0500 (CDT)
From: "Phillips Richard" <phillips@msoe.edu>
To: "Jerry W. O'Dell" <psyodell@mail.provide.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9457] Re: My personal frequencies
Message-ID: <Pine.OSF.3.96.980429082337.21678D-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now wait a minute! I got 7036. Did the fcc mess up?

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Wed, 29 Apr 1998, Jerry W. O'Dell wrote:

> You guys can't take a joke. I also own
> 7030, 7032, 7034, 7036, and 7040, which latter
> some of you abuse shamefully.
>
> Printed right on my license.
>
> Jerry W8GND
>
>
>

Date: Wed, 29 Apr 1998 09:53:31 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Subject: [9458] "Good buddy," plus QRPTTF results
Message-ID: <Pine.LNX.3.95.980428163719.27553K-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

No, no, you don't want to use "good buddy" on the air anymore. It don't mean the same as it used to, apparently. 10-codes are acceptable, though.

obQRP: Jon, KD3FG and I used the MD Milliwatts call, WQ3RP. Try sending that a thousand times :)

Anyway, it was a GORGEOUS day as we headed northwest toward Shepherdstown, WV, to the campus of Shepherd College.

Maggie & Sam (my dogs) were with us. Sam threw up in the back seat (see my web site for his picture, in a non-vomiting position).

Having completed our 80-mile drive, there was a big sign at the entrance to the college that read, "NO PETS ALLOWED."

There was almost nowhere to put up an antenna, either.

LESSON #1: SCOUT OUT YOUR OPERATING SITES IN ADVANCE!

Jon and I tried to find the perfect spot. Strangely, all spots along the river (the true MD/WV border) were inaccessible. We found a fair location somewhere, but there were power lines right nearby...bzzzz...

Back in the car, we headed south on the WV side of the river, as Maryland owns the entire width of the Potomac. We snaked along the river bed for maybe 15 minutes on a tiny paved road, but then the road turned away from the river and we made our way SE, toward Harper's Ferry, at the junction of MD/VA/WV, where the Shenandoah and Potomac Rivers meet.

Are these really state-maintained roads? Everyone we saw waved to us, either because

- 1) they were really happy to see someone they'd not seen before
- 2) if anyone was actually driving there, they were locals and were "known"
- 3) they were just friendly folk
- 4) they wanted to stay on good terms with the guys with the 14' antenna :)

We looked for a good spot, and found none. You guys out west don't know

how nice it is to have public land everywhere...

LESSON #2: BEG FOR MERCY!

Jon recommended we stop at Harper's Ferry National Historical Park, which we did. We paid our \$5 and went to the end of the parking lot, close to but, of course, not physically on the border.

Yes, the purists will probably kill us.

I worked N7KT at 4 corners with the mobile antenna, and we then asked for permission to erect the 32' mast. After about 30 minutes of deliberation, we got permission (ONE TIME ONLY, NEXT TIME PLEASE ASK IN ADVANCE) to put it up, but Jon's portable 20m beam was a no-no.

In order to work from the true border, we'd have been at the point of the historic town, which would have been a little too conspicuous and irritating to a lot of people, in addition to the fact that it's simply not with the 1860's motif...

Anyway, we set up an off-center-fed dipole in an inverted-vee setup. Using that ant w/Jon's Sierra, and my mobile setup, we made

```
    250 points for the qso's (34 of them)
x 26 SPCs
x 4 portable
x 3 questionable state count
=====
78,000 points
```

15 was stone dead. 20 was pretty bad, and the persistence award between WQ3RP and another station goes to WU0L, whom we called on no fewer than five occasions, and finally get a contact out of it.

All in all, we had a blast. The weather was AMAZING - 72 and nary a cloud in the sky...I fell asleep listening to Jon make QSOs, although, WHOOPS...I was supposed to be copying for the log, heh heh heh...

Uh oh, "I fell asleep, better ask for those states again, Jon!"

```
* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***
```

On Tue, 28 Apr 1998, Mike Martin wrote:

>

>
> olyellr@iglou.com wrote:
>
> > When that happens we can all just start calling "CQ Good buddy, CQ CQ 10-4"
> >
>
> Been on 2-meters lately??
>
> Mike
> KA0AMA
> QRP-L #1506
> Galesburg, IA
>
>

Date: Wed, 29 Apr 1998 07:07:11 -0700
From: Scott Hogin <wshogin@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9459] qrpttf
Message-ID: <3547340E.45923212@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy all

I am doing the digest mode of this list because I can't speed read , hi. Consequently it takes a me a little while to get things out. Went out with Bruce, N7CEE, and did a three corner thing at the border of AZ, UT, and NV. We left Flagstaff on friday so that we would have plenty of time to see if we could find the the three corner point and see how close we could get to it. We had numerous maps and a gps(we always have a back up nav system just in case we don't want to believe in the newer high tech stuff). Arrived in the vicinity of our intended three corner op late Friday afternoon and found we could get within a mile of border intersection. Looking at the overview from a little bluff we saw a lot of deep gullies and no roads to our target. Not wanting to risk dropping a wheel into one these gullies , we decided a mile was close enough and set up our station on the bluff. We did eventually hike to the actual monument marking the intersection of the states of Arizona , Utah, and Nevada. Unlike four corners, there was not the hype of the trading

stands and other types of tourist attractions. Just a vast expanse of creosote bushes, Joshua trees, sky, and featureless mountains in the distance. The monument consisted of a four foot chunk of sandstone, topped by a geodetic disk, at the intersection of three wire fences that seemed to stretch to infinity.

Antennas were a challenge in this type of country since there are no trees. We employed a push up mast to raise the center of a 80 meter center fed zepp and used two Joshua trees to support the ends of the zepp (amazingly enough most all of Joshua trees are roughly the same height, about 10 feet). Our other antenna was a trap vertical, guyed with dacron lines and radials spread out on the desert floor. Our main rig was Sierra running off a solar charged gel cell pack. During operation before and during TTF we never even phased this monster. It even supported the MFJ memory keyer. We did have backups of a couple of Wilderness SST's in case Murphy struck.

During the test, the bands were not in the best of shape. We did about half of our contacts on 20 and half on 40. We had a very brief opening on 15 in which we managed 3 contacts and then it was gone. Worked a number of stations at the Four Corners area but never did hear N4C. It was nice to work other border operations and all the individual stations that were on. Even our good bands would only give good sigs on an occasional basis. Many signal could be heard right at the bottom of the noise but they could not be reached. We learned the value of patience in this timeless desert land. Things, out here, have been here before us and they will be long after our brief fame as humans eclipses.

All in all we had a blast. My hat is off to AB7TT for thinking up this theme. We had few disasters, the only one being that I had forgot my tent (A rain fly looks very much like tent but, sadly, its function is a little different) and wouldn't you know it rained about midnight. So it was fun putting up a tarp by flashlight. Wx was amazingly cool (usual temps are in the 90's this time of year) during this test and it made for a nice time of eating tortilla chips, fig newtons, and consuming tons of caffeine via classic coca cola and Jolt. Egad, back on my diet next week!! We stayed Saturday night and worked a few stations on 30 and 40 meters but the storm noise really covered all but the strongest of sigs. We left early Sunday morning for civilization. We would do this again in a heartbeat. 72.

Scott , K7ZEN, @ N7CEE three corner operation

Date: Wed, 29 Apr 1998 10:03:11 -0400 (EDT)

From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-1@Lehigh.EDU
Subject: [9460] Re: My personal frequencies
Message-ID: <v01520d3fb16cabb1b448@[207.172.109.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK guys, listen up. Just everyone stop all this nonsense about who owns the freqs 'cause I got all of 40 and 20 meters plus the 28.000-28.500mhz segment! (In writing from the FCC, so no arguing, OK?!:^) HI HI

73/72,
Craig, KF4NYZ

Date: Wed, 29 Apr 98 10:38:32 EDT
From: Jon Mitchell <jsm@cen.com>
To: qrp-1@Lehigh.EDU, eax@w3eax.umd.edu, larc-1@webtrek.com
Cc: jmitchell@cen.com, ham@w3eax.umd.edu
Subject: [9461] Re: WQ3RP QRPTTF Results
Message-ID: <199804291438.KAA05143@fox.cen.com>

One more comment to Scott's WQ3RP QRPTTF comments:

I convinced Scott that the real thrill of using QRP was to run the radio directly from the (regulated) solar panel! With the panel pointing at good 'ol Sol, there was enough juice for transmitting with the Sierra with no voltage drop. This definately adds a challenge as now we had to dodge the clouds to make the qso's! (We did give it up after 2 contacts due to clouds rolling in from the West and went back to just putting the panel in parallel with the battery).

We really had a good time. Next time, more planning!

-- Jon, kd3fg

--

0	Jon Mitchell	jmitchell@cen.com
<\/>	Century Computing, Inc	(301) 953-3330
_/ _	Laurel, MD 20707	

Date: Wed, 29 Apr 1998 11:02:34 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [9462] Elmer101: More VFO questions
Message-ID: <3547410A.37BD@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are a few more detailed VFO questions. Have at 'em.

- > 1. I'm examining the dc bias conditions of Q2 and would like to know how the
> designer selected the value of R17, which sets the emitter/collector current
> level. I recognize that this setup is an emitter follower, which I understand
> is the best choice because an oscillator requires the output to be in phase
> with the input, and a follower does just that. (Note: most books I've looked
> for help in understanding basic transistor circuits give pretty short shrift
> to the emitter follower, but The Art of Electronics by Hill and Horowitz
> presents an invaluable detailed discussion of the follower.) If I'm correct,
> R15 and R16 set the base bias in Q2's operating region. However, I'm unclear
> as to why the value of 2.2k for R17 and the significance of that value. Any
> help?
- > 2. A related question, how much power is circulating in the resonant circuit,
> and how much power is going to the Tx mixer and Rx mixer?
- > 3. In the resonant circuit, there are a ton of caps. What was the thought
> process behind determining their values? I mean, if I tried to duplicate this
> circuit I'd never get beyond the first step, and I'd really like to understand
> what's going on. I see the basic structure of the resonant circuit, but why
> are the caps of various values distributed the way they are?

--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Wed, 29 Apr 1998 08:04:51 -0700 (PDT)
From: Stephen Lee <slee@u.washington.edu>

To: "Lageson's" <LAGESON@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9463] Re: My address is
Message-ID: <Pine.A41.3.95b.980429080024.120450A-100000@homer21.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Seattle Filmworks used to post one's photo's for password protected viewing via the internet. We tried it once and it worked out fine business. One can also receive their pictures on floppy disk. But they are proprietary with their film. Enjoy, de AB7HI, Stephen Lee, Federal Way, WA

On Tue, 28 Apr 1998, Lageson's wrote: <snipped>
> Thanks Larry....the film that was in my camera was from "seattle filmworks"
> and only they can process it so it will be awhile before I get the photos
> back. I've had a few requests for qsl's already so keep thinking of ideas.
> CUL,
> Jim

Date: Wed, 29 Apr 1998 10:58 -0700 (PDT)
From: eakwik@mail.hac.com
To: qrp-l@Lehigh.EDU
Subject: [9464] How about this
Message-ID: <0ES600C14L2VKU@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

In the ARCI test I worked WQ3RP and WQ2RP back to back. In QRPTTF I also worked WQ3RP and WQ2RP back to back. Does this qualify me for some sort of special award?

Ed Kwik KC8JIE Warterford, MI QRP-L# 1444

Date: Wed, 29 Apr 1998 11:51:03 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [9465] Re: How about this
Message-ID: <Pine.LNX.3.93.980429114353.726A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998 eakwik@mail.hac.com wrote:

> In the ARCI test I worked WQ3RP and WQ2RP back to back. In

Hey! Collect the whole set!

WQ0RP - MN QRP Society
WQ2RP - NJ QRP Club
WQ3RP - MD Milliwatts
WQ4RP - Knightlights QRP Society
WQ6RP - Southern CA QRP Society
WQ8RP - MI QRP Club - Chapter II
WQ9RP - IN QRP Club

NQ2RP - Byron/Bergen Amateur Microwave Systems
NQ6RP - Hawaii QRP Club
NQ7RP - AZ SQRPs

KQ0RP - Individual (non-vanity)
KQ6RP - Abandoned for Vanity call
KQ8RP - Individual (vanity)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Wed, 29 Apr 1998 12:06:35 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9466] Re: Plans for Super Altoids Rig in QRPP
Message-ID: <Pine.LNX.3.93.980429115140.726B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Apr 1998, Hendricks, Doug wrote:

> Guys, please, please, if you want plans for the Super Altoids Rig on Page 70
> of QRPP, send your requests to Chris Cartwright, not to Paul Harden or
> myself. With a big ole grin on his face, Doug, KI6DS

Hey! What about our super secret talks for Norcal to kit this thing?
<with a cat-that-ate-the-canary-grin from ear to ear> And that clever ruse

by Wayne to get people to trust 2N2222 designs?

GANG! THERE IS NO ALTOID RIG! UNCLE! UNCLE!! UNCLE!!! The whole thing is in reference to a 25W CW/SSB, Norcal Paddle, K1MG Digital Display, Tick Keyer combo rig in an Altoids tin *SPOOF* that Paul put at the bottom of hints and kinks in QRPP!

Then again, you gotta ask yourself... Norcal has a big announcement coming at Dayton, could this be it? Is N3XRV just covering... well, is he?

Maybe I'll get 22 minutes of fame out of this one <wink, grin, chuckle>

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   QRP WAS 28/13(w/c)   | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? NJ-QRP #105 LIQRP #????? MDmW #5 --
```

Date: Wed, 29 Apr 1998 12:08:57 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [9467] Re: Plans for Super Altoids Rig in QRPP
Message-ID: <Pine.LNX.3.93.980429120738.726C-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Apr 1998, Robert P. Okas wrote:

> Curiously Awful, eh? How many other NA5N-isms can you find there?

I thought the Family Size Iraqi Pork was pretty "out there"

> ROTFLMAO,

Ditto!

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV      ARRL-VE   QRP WAS 28/13(w/c)   | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? NJ-QRP #105 LIQRP #????? MDmW #5 --
```

Date: Wed, 29 Apr 1998 09:15:03 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@Lehigh.EDU
Subject: [9468] Damaged QSTs
Message-ID: <3.0.3.32.19980429091503.00912ab0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>

>And to the person who was complaining about the state of his QST: I'm
>told you can get a clean one just by asking (none of mine have been
>damaged), it's a LOT cheaper this way (and better for the
>environment), and a bag won't solve all problems (I got my RadComm
>today, in an intact bag, and it was pretty beat up).
>

I sent two letters within the past 3 or 4 years to the ARRL complaining
about the condition of received QSTs -- I even offered to pay extra if they
would put them in a protective envelope. Not only did I NOT receive
replacement QSTs, I did not even receive replies to my letters...

Yes, I'm still an ARRL member, but primarily so I can use the outgoing DX
QSL bureau...

72, Larry W1HUE/7

Date: Wed, 29 Apr 1998 08:53:05 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <vole@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9469] Re: QRPP
Message-ID: <01bd7386\$e5d07de0\$9aa9d9cf@accurate-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How does one subscribe to QRPP?

Roger KD6CC

-----Original Message-----

From: Joe Gervais <vole@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Tuesday, April 28, 1998 4:15 PM
Subject: Re: QRPP

>
>Howdy,
>
>Ed (WE6W) wrote:
>>
>> Boy this sure is one action packed QRPP.
>

Date: Wed, 29 Apr 1998 11:09:25
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [9470] Re: The Double-Altoids container
Message-ID: <3.0.3.16.19980429110925.2c8f973c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I saw the "Double your pleasure" drawings in QRPP and said hummmm, then latter that night I went shopping at the new Wal-Mart store and saw the Russells "surprise tin" and said Ahhhhhh, perfect!

This tin has some serious cubic inches. You all are going to be very suprised by what I put into it. I just hope I have the time to finish it before Dayton.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 29 Apr 1998 11:25:53
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [9471] Re: Schematic drawing
Message-ID: <3.0.3.16.19980429112553.2ca745ae@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I use IMSI's TurboCad 4.0 Professional. It comes with tons of symbols,

I tried a very early version of TurboCad and didn't like it. Maybe it's better now, or just personal preferances or didn't take the time to really learn it.

I think it's hard to beat CirCad. This program really was optimised to draw nice schematics. Nicely proportioned symbols, auto-numbering of parts, enter part values as you place the part. Plus it does pcb layouts.

It woun't have all the symbols you need though. However, it's easy enough to draw and save them. Only I haven't figured out how to save them to the main symbol libaray. I have to open the drawing they were saved in, then I can use them in a new drawing.

Free demo down load at <http://www.holophase.com>

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 29 Apr 1998 16:23:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9472] Re: QRPP
Message-ID: <3547540A.3D05@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.fix.net/~jparkner/norcal/qrpp/qrppsp.htm>

Read it and REAP! (c) Phrase Ed Loranger Enterprizes
All Rights Reserved, Left handed keying.

Roger A. McCarty wrote:

>
> How does one subscribe to QRPP?
>
> Roger KD6CC

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Wed, 29 Apr 1998 09:24:34 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: kl7jaf@eagle.ptialaska.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9473] Re: "Top of the World" Pictures on line
Message-ID: <35475442.E455E1A8@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Hopkins - KL7JAF wrote:

>
> Hi Gang...
>
> I have placed several pictures from my trip to the Alaska / Yukon
> Territory border on the Alaska QRP Club website... I will be placing some
> more photos, including some of the operating position when my last roll of
> film is processed... This is a fairly healthy download so be patient...

Great pictures, Bruce! I followed the details of your journey with
great
interest. If there were a prize for the most difficult QRPTTF location
to
reach, or the harshest weather conditions, I think you might qualify on
both counts.

72/73 de Jim - AD6CW
Sunny SoCal

Date: Wed, 29 Apr 1998 12:40:13 -0500
From: jfd - WA8GHZ /5 <jdougher@wt.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [9474] QRV in Venezuela - YV5/WA8GHZ
Message-ID: <354765FD.16C88E28@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pse look for me next several days from here in Venezuela. Can't miss me; it takes 3 minutes to signal the call sign: YV5/WA8GHZ (grin).

Finally, got operating permit yesterday. Over next week or so, I'll try some QRP around 7.04 (+/-3 due to strong beacon at 7.0395 here) around 0100Z each night. Heard a strong CQ from N4xxx last night, but he came back to a stateside station. His S8 sig tells me it should be easy to work here with just a little luck. Am running pinched-down IC-706 into 1/2wave from 8th floor hotel room.

Hope to see a few of you on the bands from here,
73 y atentamente,
YV5/WA8GHZ
Jack

Date: Wed, 29 Apr 1998 13:00:41 -0400
From: Andris Neimers <VitalVoice@compuserve.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [9475] Geo Storm? - Do Aurora!
Message-ID: <199804291301_MC2-3B66-9599@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I would "second" Jack/W7PW's advice - while the HF bands may get lousy for a few days, a geomagnetic storm is always an opportunity to explore Auroral curtain propagation and CW is the only good way to try this... As Jack noted, this is the beauty of working 6 metres and up... So point north and listen for those "watery" sounding CQs... It's best for us "northern dwellers" but a really strong aurora will reflect right into the middle states... I checked last night for visual aurora from here on Bowen Island (just northwest of Vancouver) but saw nothing... Alaskans may have had more luck... Will look again tonight...

72/73 Andy/VE7FJ=

T =

Date: Wed, 29 Apr 1998 11:11:03 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@Lehigh.EDU
Cc: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
Subject: [9476] SG 2020 (or whatever its called...)
Message-ID: <3.0.3.32.19980429111103.00914a40@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I found the observations that Peter Zenker, DL2FI, made on the SG 2020 most interesting and would like to add my two cents worth. Note, however that I HAVE NOT SEEN, MUCH LESS TESTED, the rig; I'm just commenting on Peter's observations.

Peter's CW observations:

>3. Nearby CW stn (+-2kHz) are heared as CHRRRR CHRRR CHRRR signals in morse
>rhythm using broad IF filters
>4. Nearby CW signals blank out the signal you are tuned to. It is impossible
>to read the wanted signal.
>

These same problems are also present in the Index QRP++ to varying degrees, depending on what particular "production model" one has. The first is due to inadequate "roofing filters" in the Switched Capacitor Audio Filter (SCAF) at narrow bandwidths. The second is due to the presence of diode limiters (in the QRP++, at least) in the IF amp -- AHEAD of the SCAF -- which are activated by strong signals within the IF passband but outside the SCAF passband (at narrow settings) thereby killing the signal one is trying to hear. This totally defeats the usefulness of narrow SCAF settings when strong adjacent signals are present.

>5. Sidetone is "plopping"
>6. Keying sidetone is overlapped by a terrible click in the headphone.
>

These problems are also present (to varying degrees) in QRP+/QRP++ rigs, but are easily fixed. Geezzz, didn't the designers of the 2020 ever read my QRP+ mod articles?? (Yes, I sent copies to Bruce Franklin...)

Peter's SSB Observations:

>2. Strong nearby signals overload the receiver, if i listen to a small
>signal, big signals disturb very much
>3. Even small CW nearby signals disturb SSB receiving very much.
>

I suspect these problems are associated with the use of an IF limiter.

OK, folks, here's a proposal: If someone is willing to loan me their shiny new 2020, I'll run some exhaustive tests (I have access to a spectrum analyzer, calibrated signal generator and a good 'scope) and write comprehensive a review for the QRP Quarterly. I promise NOT to touch the insides with a soldering iron (but I probably wouldn't be able to resist taking a little peak under the covers :-).

I have NO INTEREST in purchasing one of these rigs for myself. After spending untold hours modifying and tweaking my QRP+, I now have a perfectly usable multiband QRP rig (not as good as my old FT-301 with narrow IF filter and external DSP audio filter, but the '301 doesn't cover the newer bands). I have NO INTENTION of going thru THAT again with another "el-cheapo" rig! (Remember, folks, you usually get what you pay for -- occasionally less, but rarely more...)

How about it... Any takers?

Larry, W1HUE/7

Date: Wed, 29 Apr 1998 13:24:38 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9477] Re: Damaged QSTs
Message-ID: <35476256.6EDC@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry East wrote:

> I sent two letters within the past 3 or 4 years to the ARRL
> complaining about the condition of received QSTs -- I even offered
> to pay extra if they would put them in a protective envelope. Not
> only did I NOT receive replacement QSTs, I did not even receive
> replies to my letters...

> Yes, I'm still an ARRL member, but primarily so I can use the
> outgoing DX QSL bureau...

Hello, Larry,

I am so sorry to hear that your requests did not get taken care of properly. If you sent the letters to ARRL HQ, you should have received replacement copies by First Class mail. If you didn't receive an answer to two letters, something was not done properly (almost certainly here, possibly by the post office, and certainly not by you!)

If you let me know what issues were received damaged, I will ask the ARRL Circulations Department to replace them immediately; we have back issues going back a number of years.

I don't know the entire story, but I can add that there were a number of reasons ARRL eliminated the plastic wrapper -- cost, environmental concerns by some members, etc. Interestingly, the number of replacement requests went down slightly, probably because fewer magazines were getting lost. The old plastic wrapper may have prevented some damage, but a thin sheet of poly plastic doesn't really protect the magazines very much. What WAS happening with the plastic is that the automated-mail-processing machines were separating the magazine and its plastic, leaving no mailing address on the magazine. (Also, if QST does get read during its travel through the mail stream, not having plastic ensures that it continues on its way to its final destination.)

I subscribe to a number of magazines, and most of them arrive intact. Occasionally, I receive one with some cover damage. If it is my Readers Digest, I don't worry about it much; I read it anyway, then toss it. Other magazines, such as QST, Home Handyman, etc., I want to keep, so a badly damaged cover is certainly a concern. Those who COLLECT QST are especially troubled when they receive a damaged copy. Unfortunately, although we have been trying to resolve this with the US Postal Service, it seems we may have reached a bit of an impasse. We are also looking at possible improvements we might make at the printer to bundle the bulk shipments better; we suspect some of the damage is occurring to the top and bottom few copies. If there are 25 hams in your area, and you end up being #1, you may be seeing more damaged copies than the luckier soul in the middle of the pile. Unfortunately, the economics of it all pretty much require that we use the USPS to deliver QST. We have found that the problem seems to be endemic to certain areas of the country (NE is one of the trouble spots). We are trying to find an economical resolution.

Nonetheless, we also want our members to receive QST in good condition. If anyone receives a damaged copy, write, call or email ARRL HQ and ask for a replacement issue. You are supposed to receive the replacement promptly. What happened to you is wrong and is NOT the way the ARRL intended that your difficulty should have been handled.

73 from ARRL HQ,
Ed Hare, W1RFI

ARRL Lab

"It isn't my job, but I will do it anyway!"

Date: Wed, 29 Apr 1998 12:31:59 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>, psyodell@mail.provide.net
Subject: [9478] Re: "?"
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C03C1E7@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Jerry:

Your question isn't that far out. It happens to me often, and I believe I understand why.

Many people sit tuning across the bands, looking for a contact. If they hear a weak signal, they may just pass over it and move on. However, if there is /QRP on the end of it, that may grab their attention. Now, having just slid over the call part of your transmission and not registered it, but been caught by the QRP, they come back with a quick ? asking, more or less, "who was that again"?

I just give my call again, and often get a QSO started.

Anyway, one theory :-)

73, Bob n6WG

Date: Wed, 29 Apr 1998 11:30:46 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Larry East <w1hue@amsat.org>
Subject: [9479] RE: SG 2020 (or whatever its called...)
Message-ID: <5104C9F8B0B5D1118C250000F8062537488BF2@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"

I think I'll wait for the K2. Wayne Burdick (N6KR) has a great track record on CW rigs. His latest gadget the SST (although I don't own one) seems to be very popular and I've heard more than one owner comment that this little rig has "BIG RIG" features. Not to mention the Sierra and how many of those are out there? Plus the K2 is a kit, you build it, (the QRP community

thrives on building stuff) and if you built it and have the manuals, schematics, etc right there, you probably won't mind climbing back into it to tweak or fix something. That is a serious advantage at home, in the field, or on vacation. No need to send it back to the manufacturer and wait for weeks for your turn at the repair bench. Yep!! I'll wait for the K2 and have fun with my Sierra till then.

Nick KG5N

From: Larry East [SMTP:w1hue@amsat.org]
Sent: Wednesday, April 29, 1998 11:11 AM
To: Low Power Amateur Radio Discussion
Subject: SG 2020 (or whatever its called...)

I found the observations that Peter Zenker, DL2FI, made on the SG 2020 most interesting and would like to add my two cents worth. Note, however that I HAVE NOT SEEN, MUCH LESS TESTED, the rig; I'm just commenting on Peter's observations.

Peter's CW observations:

>3. Nearby CW stn (+-2kHz) are heared as CHRRRR CHRRR CHRRR signals in morse
>rhythm using broad IF filters
>4. Nearby CW signals blank out the signal you are tuned to. It is impossible
>to read the wanted signal.
>

These same problems are also present in the Index QRP++ to varying degrees, depending on what particular "production model" one has. The first is due to inadequate "roofing filters" in the Switched Capacitor Audio Filter (SCAF) at narrow bandwidths. The second is due to the presence of diode limiters (in the QRP++, at least) in the IF amp -- AHEAD of the SCAF -- which are activated by strong signals within the IF passband but outside the SCAF passband (at narrow settings) thereby killing the signal one is trying to hear. This totally defeats the usefulness of narrow SCAF

settings

when strong adjacent signals are present.

>5. Sidetone is "plopping"

>6. Keying sidetone is overlapped by a terrible click in the
headphone.

>

These problems are also present (to varying degrees) in QRP+/QRP++
rigs,

but are easily fixed. Geezzz, didn't the designers of the 2020 ever
read my

QRP+ mod articles?? (Yes, I sent copies to Bruce Franklin...)

Peter's SSB Observations:

>2. Strong nearby signals overload the receiver, if i listen to a
small

>signal, big signals disturb very much

>3. Even small CW nearby signals disturb SSB receiving very much.

>

I suspect these problems are associated with the use of an IF
limiter.

OK, folks, here's a proposal: If someone is willing to loan me their
shiny

new 2020, I'll run some exhaustive tests (I have access to a
spectrum

analyzer, calibrated signal generator and a good 'scope) and write
comprehensive a review for the QRP Quarterly. I promise NOT to touch
the

insides with a soldering iron (but I probably wouldn't be able to
resist

taking a little peak under the covers :-).

I have NO INTEREST in purchasing one of these rigs for myself. After
spending untold hours modifying and tweaking my QRP+, I now have a
perfectly usable multiband QRP rig (not as good as my old FT-301

with

narrow IF filter and external DSP audio filter, but the '301 doesn't
cover

the newer bands). I have NO INTENTION of going thru THAT again with
another

"el-cheapo" rig! (Remember, folks, you usually get what you pay for

--

occasionally less, but rarely more...)

How about it... Any takers?

Larry, W1HUE/7

Date: Wed, 29 Apr 1998 12:50:21
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [9480] LED Keyer Update 2
Message-ID: <3.0.3.16.19980429125021.222fd6a4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

I made a couple of improvements to the memory function of the keyer.

First, the message length space is now variable, instead of fixed at half the available space for each message. That means what ever memory space isn't used for the first message is available for use in the second message.

Second, once you start to play back a message, you can use the paddles to pause, stop or cause the message to endlessly loop, i.e., beacon mode.

The last few parts needed to complete the kits should be here by next week and they will ship shortly thereafter.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 02 Oct 2017 17:24:06 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [9481] Re: Damaged QSTs
Message-ID: <59D2D8A6.4701@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Like Larry, W1HUE, my QSTs often arrive with a torn cover or the first

several pages badly wrinkled far more frequently then when a cover or a bag was used. About once a year a copy will simply not arrive (usually July or August issue) and I write for a second copy. The League sends a second one with no questions, although once they sent the wrong issue and a second letter was necessary. With a ZIP code of 91001 and a low P.O. Box number of 73 I have wondered if my copy is on the top of a stack and receives more abuse during handling, hi. I occasionally miss a copy of "QRZ DX" or "599 Report" mailed first class in an envelope, or it will arrive a month or two late. Fortunately QQ and QRPP have arrived in a timely fashion. Maybe the post office favors the QRPers over DXers?

73, Harvey, N6MM.

Date: Wed, 29 Apr 1998 10:57:17 -0700
From: Robert Friess <rfriess@ibm.net>
To: paul1@wizard.ucs.sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9482] Re: SGC speaks to QRP-L
Message-ID: <354769FD.ED75A6C9@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I just cancelled my order.

N6CM

Date: Wed, 29 Apr 1998 13:31:10 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [9483] Magnetic Storm... buffalo chips
Message-ID: <199804291831.NAA12457@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:

The cajun ant goo-reaux, here to tell u the band problem is "Wire Frost".... caused by the cold snap and rapid warming we just experienced!!!

Give the sun a couple of days to "dissolve" the "wire frost" off ur

antenna and all will be normal again... :-) It is usually not this wide spread a phenomenon... El Nino or sumem... very common up hear in the nor-east... :-)

good dx

joel wa5cvm in maine, trying to "get out" to "Dixie land" on forty

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

Vertical 3 elm Yagi 30mtr & 40mtr

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Wed, 29 Apr 1998 11:36:43 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: Larry East <w1hue@amsat.org>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [9484] Re: Damaged QSTs

Message-ID: <Pine.SOL.3.96.980429113336.9534C-1000000@vortex>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Gad, here I go, getting ready to say something nice about the ARRL again! :-)

When I had some missing issues a few years ago, I sent e-mail to Debra Jahnke, the Circulation Mgr and recieved magazines and she was able to get the whole missing issue problem solved.

I do think that it's possable for the ARRL to be a bottomless pit if a request goes to the wrong person first!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 29 Apr 1998 11:40:13 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Michael Maiorana <mikemo@ibm.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9485] Re: Elmer101: More VFO questions
Message-ID: <Pine.LNX.3.96.980429113934.3262D-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, Michael Maiorana wrote:

> Here are a few more detailed VFO questions. Have at 'em.

These are questions that I've asked when I first joined this list... :)
Still don't know how to answer some of them. But I'm learning.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
```

Date: Wed, 29 Apr 1998 20:48:05 -0700
From: vllario@eic.ictnet.es (Vicenc Llarío i Zarzoso)
To: qrp-1@Lehigh.EDU
Subject: [9486] Elmer's Advice
Message-ID: <3547F475.71D6@eic.ictnet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang!

Once again here I am just to ask for some help and advice. Following W4RNL advice, I am just preparing my new antenna setup. I will move in a couple of months to a new flat and finally, after tedious negotiation with my XYL, I will be able to have my own "shack" in Barcelona (only 2,6 square meters Hi). I am sure that I will be more than happy with this room and moreover I will have the opportunity of having a nice antenna setup. As always, budget is one of our drawbacks, so, the

planning is as follows. I spent quite a lot of money buying a 2 element delta loop kit to cover from 10 to 20 and also a 2 element quad for 6m. Fortunately I found a nice second hand HAM II and saved some money. For the lower bands and following W4RNL advice I will probably build a couple of doublets and also a "Loop Skywire", those three antennas feeded with 450 Ohm ladder line. I am thinking as well of building a "remote antenna switch" to select among those three wire antennas. Here come my questions:

- 1.- I would appreciate comments on the performance of the Loop Skywire
- 2.- Anybody had experience building a remote switch for 450 ohm ladder line? Any comments will be welcome. I was thinking about the same schematics of the ARRL handbook (to switch 4 slopers) but only using 2 relays to switch 3 antennas. As far as I am only QRP I was thinking about using gold flashed contacts instead of the standard Ag Cd O.
- 3.- Anybody owning a similar setup willing to give advice about the right things to do and what should be avoided?

I think that building all that "simple" stuff myself will allow me to keep my budget balanced.

Thank you very much in advance to everybody for kind cooperation and help

Please reply to my own E-mail as follows vllario@eic.ictnet.es

Best 72 to all the QRP crew de Vicens, EA3ADV

EA-QRP # 4

G-QRP # 7384

ARCI # 8454

Date: Wed, 29 Apr 1998 11:47:43 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [9487] Re: SGC speaks to QRP-L
Message-ID: <19980429.114805.8438.3.gsurrency@juno.com>

Ok, I gotta say something about this:

Consider:

Dave Benson NN1G, who runs a one-man operation (I think, unless he has some help from his wife or whoever) can build a CW transceiver and sell the entire kit including circuit board for either \$50 or \$55, depending on whether or not you signed up for the Elmer101 project early on.

In his kit, using only 3 crystals for the IF filter, he managed to get pretty decent CW selectivity and opposite sideband suppression. Now how

much do 3 crystals cost? \$0.99? \$0.85 in quantity? Probably even less. I got a bunch of 4.192 Mhz crystals from Fry's Electronics a few weeks ago for \$0.85 each to use in a future project. We're not talking about a lot of money for a few crystals and some ancillary capacitors and / or chokes to complete the filter.

I haven't seen a test of the SW40+ IF bandwidth and opposite sideband rejection, but my ears tell me it is pretty darn good for a filter using only 3 crystals. And using it on a crowded band with strong nearby signals has not been a problem. In the SW40+ manual, Dave rates the -6db bandwidth at 500 hz, which seems reasonable from my on-the-air experience.

Also, the much maligned, lowly NE602 is utilized in Dave's design, as well as in the Norcal Sierra, NC40A, and a host of other rigs. Nevertheless, all of these CW transceiver exhibit extremely good CW characteristics, including relay-free, pop-free QSK. You *can* use them on a crowded band without cussing the lack of performance. No problem, unless the guy across the street decided to fire up 1.5 kw! And a lot of expensive commercial rigs will not pass that test. :-)

In the Spring 1997 issue of QRPP, Rob Rutledge compared the IF filter performance of the Norcal 40A and the Sierra.

The 40A had a -6db bandwidth of only 400hz, and 1000hz at -40db, and a shape factor of 2.5. The USB rejection was 57db. Darn good performance for 4 closely matched crystals at an IF of 4.915 Mhz. I know - I have a 40A. Cost about \$129.

The Sierra had a bandwidth of 150 hz at -6db, and 1100 hz at 40db with the ABX set to narrow. The USB rejection was approx. 68 db . Rig cost? About \$245 with one band module, but capable of multi-band operation.

Each of these radios exhibit near state-of-the-art QSK, admirable selectivity and strong signal performance, with little or no T/R popping; and the sidetones are pleasant to listen to.

So with this information, you have to ask yourself:

(In a Clint Eastwood voice, as he said in Dirty Harry; "Do you feel lucky?")

Did SGC look at their competition? Did they care about implementing even fair CW operation? Certainly the cost or complexity of manufacturing a

decent IF filter or QSK circuit has been shown to *not* be a problem. Or rather did they simply wish to build a small SSB / data radio with little thought to CW mode from the start? What market were they shooting for? Was this clear in their original press release? Were they listening to their potential customers? Who *are* their potential customers?

You decide.

Check my sig file for other examples of other radios with credible CW performance that can be obtained without spending a lot of money. Even if most of them are single band rigs, the technology for good CW performance is evident in all of them. It's not that hard to implement - if you *want* to. On the contrary, SSB rigs are much more complex and expensive to design and build.

72, and think about it.

Gary Surrency AB7MY

S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Apr 1998 02:05:08 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [9488] Alinco DX-70t FS or Trade
Message-ID: <199804291905.0AA03332@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi all,

For Sale or Trade. An Alinco DX-70t HF and 6 meter transceiver with High/Low 5/50 Watt power Switch.
Next to new condition, just over a year old with protective sticker still on readout. Would also throw in a Timewave DSP-9 filter. I value the package at \$700.00. Would like to trade for Icom 706, Argonaut II, or collection of QRP equipment. Please contact me at kelman@dialnet.net for more information.

I really have enjoyed reading about all of the QRPTTF stories. That's QRP.

Kelly Ellison
WB0WQS
Aurora, Missouri
The Summit City of the Ozarks.

Date: Wed, 29 Apr 1998 14:16:46 -0500 (CDT)
From: William Wyatt <wbw95k@timon.acu.edu>
To: Larry East <wlhue@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9489] Re: Damaged QSTs
Message-ID: <Pine.BSI.3.95.980429141241.24441A-1000000@timon.acu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked in a factory in Arkansas called World Color one summer. This factory makes all kind of magazines (not any ham-related though). 99.9% of the magazines we produced (at about 4 million pieces a week, a lot of magazines) left the factory in very good condition. The plastic wrapper you refer to is called a poly-wrap. It is simple, thin plastic, a little thicker than Saran-Wrap. The magazines leave the factory via plain ole US mail. If anything happens to the magazines, I would assume it happens in transit to your mailbox. Notice that almost all magazines in stores are in good shape. The only kind of damage that happens in printers are printing errors. Any other errors are pulled before the magazines leave the factory. Please don't take this as an attack on the Postal Service. It is just letting everyone know how things happen. My \$.02 worth. 73

| | | | wbw95k@timon.acu.edu
| | | | William Wyatt
| /\ | | /\ | KC5ZGH <--Tech Plus // QRP-L member #1339
|/ \ | |/ \ | 1 Corinthians 13:13
<http://timon.acu.edu/~wbw95k>
--*** **-- -** * *- *-** ***** --** --* ****

Date: Wed, 29 Apr 1998 12:27:20 -0700

From: "D.K. Philbin" <dphilbin@slonet.org>
To: qrp-1@Lehigh.EDU
Subject: [9490] Thanks for the hamstick help
Message-ID: <3.0.5.32.19980429122720.007ba6c0@slonet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Friends,

Many thanks to all who replied to my plea for help locating a hamstick antenna and a tri-mag mount!

I would like to thank you all personally, but my computer time is limited..my broken ankle swells rapidly when I am at the keyboard!

I would love to hear of your experiences with 20M ssb qrp mobile.

Thanks again,

72, D.K. Philbin KD6TK

Date: Wed, 29 Apr 1998 15:26:27 EDT
From: Billjohn <Billjohn@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9491] SGC 2020
Message-ID: <2021db6.35477ee4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The news about the CW operation of the new rig is somewhat disappointing. I do enjoy SSB QRP so I am one of those who wants feedback on the rigs SSB performance. Since I am not much of a cw op, I tend to operate in less busy band conditions when on CW. I do like the challenge and enjoyment of QRP SSB and find it a lot of fun to work QRO stations and get their reactions when I tell them how little power I operate.

So, for me, I continue to have a strong interest in the SGC rig given the portabililty and SSB option. I would like to know more from Peter if he could give a try on the SSB feature and give some feedback. So, Peter, if you read this can you provide some more information? I really appreciate what you have already provided. We can make informed decisions.

72,
Bill

K9YEQ

Date: Wed, 29 Apr 1998 12:06:06 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [9492] Re: qrpttf
Message-ID: <199804291906.MAA12433@usr08.primenet.com>

Howdy,

Scott (K7ZEN) wrote:

>

> All in all we had a blast. My hat is off to AB7TT for thinking up this
> theme.

Hold on a sec, can't blame me! ;-) Actually the theme was
hatched by a bunch of QRPers during a late night yack session
at the Ft. Tuthill QRP BBQ (really tiny burgers ;-)) last
July.

Full stomachs, a few bottles of Dos Equis cerveza, a glowing
fire, and a whole herd o' QRPers yackin' away. That's where
half the world's brilliant ideas originate, I'll wager. :)

Wonder what we'll come up with at Tuthill *this* July....?
(And who's bringin' the Dos Equis this time? :-))

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Wed, 29 Apr 1998 08:11:18 -0600
From: "Evert R. Halbach" <cs-erh@nich-nsunet.nich.edu>
To: qrp-1@Lehigh.EDU
Subject: [9493] Cartoons...
Message-ID: <17E0BA67D3@nich-nsunet.nich.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7BIT

Hello group!

Looking for a QRP cartoon for my QSL card. Tried a couple of Ham Clip Art places on the web with no luck. Also ordered "Best of Beasley" book of cartoons and couldn't find anything there.

Any suggestions?

73 de WA50JI Evert

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4993
Snail - P.O. Box 2168 Thibodaux, La. 70310
Home - 117 Sawmill Rd., Thibodaux, La. 70301

Date: Wed, 29 Apr 1998 14:49:11 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: csnyder@nextdim.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9494] Re: Schematic drawing
Message-ID: <35478437.F412CA6A@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck, I don't know the full retail street price since I got this release on an upgrade offer. I have used TCad since the first release for DOS and just keep upgrading each new release.

I seem to remember that the full list price for the program is around \$230 but don't hold me to that. Get on IMSI's Web page and I am sure they have the details.

-
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Wed, 29 Apr 1998 15:50:38 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Chris Cartwright <ccart@dns.vidtel.com>, Laurel ARC <larc-1@webtrek.com>,
eax@w3eax.umd.edu, qrp-1 <qrp-1@Lehigh.EDU>
Cc: "Kenneth McCaughey [N3FZX]" <kenneth@w3eax.umd.edu>, jsm@cen.com,
whowell@hq.nasa.gov, w3oj@juno.com, w3gx@yahoo.com, phelbert@rica.net,
George Gingell <k3tks@u1.abs.net>, Paul G Kirchman <uai@clark.net>,
wa8mcq@abs.net
Subject: [9495] CARPOOL: Maryland to DAYTON, WED. MAY 13!!!
Message-ID: <Pine.LNX.3.95.980429152522.3552D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am trying to formalize a list of people carpooling to Dayton.

PLAN: Leave Gaithersburg, MD, the evening of May 13 sometime around 8 p.m.

Drive through the night. Arrive Dayton around 6 a.m. Sleep 2 hours, then attend FDIM.

DRIVERS (so far):

NF3I (w/one passenger and a whole mess of banquet stuff)
N3XRV (w/four passengers, a seeing-eye dog, and a mess of other stuff)

Confirmed riders (so far):

NF3I, N3XRV, KD3FG, N3FZX, N3BYY (+K9dog)

Confirmed as wanting a seat: W3GX

Needing a reply from: K3TKS, WA8MCQ, N3YOY, W3OJ, WV3J, and anyone else...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Wed, 29 Apr 1998 13:07:59 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9496] Re: elmer 101: diodes questions...
Message-ID: <3547889E.B1B904B1@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pierre Constantineau wrote:

> There should be a FAQ on diodes...
> --

In fact there is:
<http://www.avtechpulse.com/faq.html/>

Also have a look at the vegetable diode.
<http://www.tiac.net/users/reilly/levd-page.html>

So... When will we see vegetable radios....
Watch out for the SWR... you don't want to cook the finals. :-)

--

```

      /' ^ '\
     ( o o )
-----o000--( )--000o-----
Pierre Constantineau  B.Eng      Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate    Phone: (604) 822-2913
Flash Smelting Group           Fax:   (604) 822-4750
Centre For Metallurgical       111-2355 East Mall
Process Engineering            Vancouver, BC, Canada
U. of British Columbia .ooo0    V6T 1Z4
http://noname.cmpe.ubc.ca ( )   Oooo.  Amateur Radio: VE7JPC
-----\ (----( )-----
      \_ ) /
      (_/

```

Date: Wed, 29 Apr 1998 20:18:01 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9497] Re: Sierra QRP Rig for sale.
Message-ID: <35478a54.397079522@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 24 Apr 1998 10:42:41 -0700, George Zafiropoulos
<georgez@quickturn.com> wrote:

>I have a Wilderness Sierra for sale. I built the kit and it is in
>excellent condition and works great. The radio includes...
>
>Wilderness Sierra - built
>KC2 Keyer/Freq. Counter/S-Meter/Wattmeter board - Built and installed
>Noise blanker - unbuilt
>40m module built and tuned up.
>80m/30m/20m modules partly built
>
>I love this little radio but I need the money to buy another toy.
>The whole thing cost me over \$400 as a kit.

I responded to this ad last Friday, appx. 2 hours after it was written. =
Has
anybody gotten a response? I have heard NADA since then, even with three
follow up messages. I can only assume someone else got it, and I need to=
keep
looking for a similar buy on a Wilderness Sierra ... on the other hand, =
if
nobody got it, I hope nothing has happened to George ...

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Wed, 29 Apr 1998 13:30:00 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [9498] SGC 2020 FLAP

Message-ID: <35478DC8.C5700F09@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

It appears that the marketing folks at SGC have targeted SSB operators as their primary customers. So be it. Now it's up to those of us who prefer CW over SSB to make a decision. Do we accept "also ran" performance or do we spend our money with Small Wonder Labs, Elecraft, S&S, OHR, Emtech, Ten Tec and others? It's as simple as that.

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Wed, 29 Apr 1998 16:39:12 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Chris Cartwright <ccart@dns.vidtel.com>, Laurel ARC <larc-1@webtrek.com>,
eax@w3eax.umd.edu, qrp-1 <qrp-1@Lehigh.EDU>,
"Kenneth McCaughey [N3FZX]" <kenneth@w3eax.umd.edu>, jsm@cen.com,
whowell@hq.nasa.gov, w3oj@juno.com, w3gx@yahoo.com, phelbert@rica.net,
Subject: [9499] Re: CARPOOL: Maryland to DAYTON, WED. MAY 13!!!
Message-ID: <Pine.BSI.3.96.980429163533.4097A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought that Mike and I were already confirmed as passengers in The MDMW Bus (aka Chris Mobile)? Yet another reason for the Pizza Party I guess. Which is golly gee this Saturday. My how the time is rolling on.

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Wed, 29 Apr 1998, Scott Rosenfeld [NF3I] wrote:

> I am trying to formalize a list of people carpooling to Dayton.
>
> PLAN: Leave Gaithersburg, MD, the evening of May 13 sometime around 8 p.m.
>
> Drive through the night. Arrive Dayton around 6 a.m. Sleep 2 hours, then
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>
> DRIVERS (so far):
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> NF3I, N3XRV, KD3FG, N3FZX, N3BYY (+K9dog)
>
> Confirmed as wanting a seat: W3GX
>
> Needing a reply from: K3TKS, WA8MCQ, N3YOY, W3OJ, WV3J, and anyone else...
>
> * Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
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> * <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
> *** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***
>
>
>
>
>
>

Date: Wed, 29 Apr 1998 12:39:01 -0600
From: Kory Hamzeh <kory@avatar.com>
To: kd7s@psnw.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9500] Re: SGC 2020 FLAP
Message-ID: <3.0.5.32.19980429123901.00a96600@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:30 PM 4/29/98 -0700, Bill Jones wrote:
>Friends,

>
>It appears that the marketing folks at SGC have targeted SSB operators
>as their primary customers. So be it. Now it's up to those of us who
>prefer CW over SSB to make a decision. Do we accept "also ran"
>performance or do we spend our money with Small Wonder Labs, Elecraft,
>S&S, OHR, Emtech, Ten Tec and others? It's as simple as that.
>

I think the SGC-2020 is just designed bad. It's NOT that difficult to make
a decent CW rig! One of the nicest rigs I've ever used is the Wilderness
Sierra. I don't buy this *optimized* for CW stuff. It's just bad design.

Strictly my opinions...

Kory
AC6RN

Patiently waiting for the K2.

Date: Wed, 29 Apr 1998 14:49:45 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [9501] Litz wire Source?
Message-ID: <01f101bd73b0\$5b3ffb40\$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Anyone know where you can find some Litz wire (the stranded stuff they wind
AM radio loopstick antennas with), I have a non-ham friend who's looking for
a 100' of it?

72...Steve

n tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
email: n0tu@webaccess.net

Date: Wed, 29 Apr 1998 14:19:27 -0700

From: k6hcj@juno.com (Marv Fagenson)
To: qrp-1@Lehigh.EDU
Subject: [9502] Re: Tnx everyone
Message-ID: <19980429.141935.12318.0.k6hcj@juno.com>

I rec'd 5-6 offers for a small amt. #26 wire. My computer crashed and when I rebooted, 'ya all were gone. K6AEC came to the rescue and supplied me w/ what I needed. Just want to say TNX to those who responded.

Marv Fagenson
Amateur Radio K6HCJ
k6hcj@Juno.com
Van Nuys, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 17:25:34 -0400
From: "James Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [9503] HW-7 / HW-8
Message-ID: <01bd73b5\$5870bc60\$f312a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,
A while back someone had a bunch of HW-8's for sale, just wondered if they were still around or if you have one for sale E-Mail me
fielden@utkux.utcc.utk.edu the specs, and I might be interested.

Also My HW-7 is sick, I no the receive is bad on these things anyway but mine is gone almost all the way out, you have to be 599 and Full Scale before I can hear anything, at night can't even hear but 1 or 2 BC stations on 40, I have no book or papers on it at all, just wondered if anyone might have and be able to copy for me, would be glad to pay, again send E-mail if you can help...

Thanks,

Jim -- KU4QW

fielden@utkux.utcc.utk.edu
http://web.utk.edu/~fielden/

Date: Wed, 29 Apr 1998 14:31:20 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <kd7s@psnw.com>
Cc: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [9504] Re: SGC 2020 FLAP
Message-ID: <176501bd73b6\$27570b60\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Now it's up to those of us who
>prefer CW over SSB to make a decision. Do we accept "also ran"
>performance or do we spend our money with Small Wonder Labs, Elecraft,
>S&S, OHR, Emtech, Ten Tec and others?

Most engineers are human. (Someone actually once told me, "You're an engineer? And you seem almost normal!") So, in spite of what is written on the spec sheet, an engineer's design will reflect his or her preferences and prejudices.

I have no doubt that the SGC2020 will be a fine radio for some people. It has been designed by engineers with well-known track records for producing successful products. This does not necessarily mean that the tradeoffs and compromises they chose would be the same choices that you or I would make. I concluded long ago that this was not the rig for me, and this should not be construed as criticism of the SGC2020.

On the other hand, I have spoken with Eric and Wayne of Elecraft, and I have fondled their prototypes, and am somewhat personally familiar with their prejudices and preferences as they concern ham radio. These are guys who understand the things that I feel are important to me in a radio. When I ask Wayne how he handled a particular design issue or which way he implemented a certain piece of the circuit, his answers are always correct from my point of view. I expect to have a K2 in my shack. Does this mean that the K2 is a better rig than the SGC2020? No, and it would be unfair to try to compare them until both designs are finished and produceable. However, it does mean that I have high confidence that the K2 will be a rig that I will enjoy using, and will be the better rig for me. YMMV, of course.

One thing is certain -- it's nice to have the choice.

Mike K1MG

Date: Wed, 29 Apr 1998 16:32:41
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [9505] RE: SG2020 FLAP
Message-ID: <3.0.3.16.19980429163241.2dc76718@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, the letter from SGS was pretty clear that they consider SSB/data to be the prime world wide market for the radio, so that's what they built. Making the rig do marginal CW isn't all that hard or cost that much, so they threw it in. To make it do good CW might have added \$100 to the retail cost of the rig and might require a bigger box to fit it in. We don't know the design and cost restraints they had to work with, so it's impossible to second guess them.

Be that as it may, It sounds to me they made a mistake including CW at all. They apparently consider that market segment to be small, so they might as well not have done it, rather than to make it marginal and alienate the few ops that wanted the radio mainly for CW.

I'm sure SGS built one solid little SSB rig that can be beat to hell and back and for the price probably can't be matched.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 29 Apr 1998 14:37:18 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: w1hue@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9506] Re: Damaged QSTs
Message-ID: <35479D8E.1C64A6FF@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry East wrote:

>
> >From a recent post:
> >
> >And to the person who was complaining about the state of his QST: I'm
> >told you can get a clean one just by asking (none of mine have been
> >damaged), it's a LOT cheaper this way (and better for the
> >environment), and a bag won't solve all problems (I got my RadComm
> >today, in an intact bag, and it was pretty beat up).

I got my QRPP a few days ago, this time in a plastic sack, and it was in excellent shape. OTOH, the QRP Quarterly, sent in "naked" mode, had a munged back cover. FWIW, there was a member questionnaire in this "Quarterly" asking if we'd be willing to pay another \$1 in dues per year for the plastic wrappers. A few of the professional journals that my wife and I subscribe to also arrive in plastic.

Agree about the environment, though. We put our plastic wrappers in with the plastic sacks from the supermarket, then dump everything there for recycling.

> I sent two letters within the past 3 or 4 years to the ARRL complaining
> about the condition of received QSTs -- I even offered to pay extra if they
> would put them in a protective envelope. Not only did I NOT receive
> replacement QSTs, I did not even receive replies to my letters...

Some departments at ARRL respond well to e-mail, and the Circulation Department has, in the past, for me.

If we could get ARRL to go to some sort of wrapper, they'd probably see that as an opportunity to raise dues again. Not really sure what warranted the

\$3/year
increase this last time.

My wife gets her National Geographic Magazine in a paper wrapper -
easily
recyclable, and the way QST used to arrive. We are attempting to
organize
our collection of old QSTs at the local club, and some are still in the
paper
wrappers.

72 de Jim - AD6CW

Date: Wed, 29 Apr 1998 17:46:53 -0400
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [9507] Jones Key sold!
Message-ID: <199804292144.RAA10644@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Thanks to those who replied but the Jones Key has been sold.

Pete WK8S

Date: Wed, 29 Apr 1998 22:45:45 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [9508] SST mods
Message-ID: <E0yUefs-0003Ud-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Updated SST mod files now available:
see my web site!
Thanks to Jim AL7FS for keeping me up to date.

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://homeusers.prestel.co.uk/g3ycc/>

Packet: G3YCC@GB7HUL

Date: Wed, 29 Apr 1998 16:54:33 -0500
From: "Chris Mayer" <crmayer@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [9509] ZM-2 problem
Message-ID: <199804292156.RAA05557@dewdrop2.mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Last month I built a ZM-2.
I used it a few times with my 40 meter SST and my MFJ9030; it worked very well.
Now, however, it has started operating erratically.
When I tune up, it seems to null at different settings every time.
Also, the LED dims but won't go completely out.

I can't find anything that is obviously wrong.
Has anyone else experienced similar problems with a ZM-2?

Chris, WB4HFA

Date: Wed, 29 Apr 1998 22:01:35 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: n0tu@webaccess.net, qrp-1@Lehigh.EDU
Subject: [9510] Re: Litz wire Source?
Message-ID: <19980429220133.AAA20525@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Litz wire found on pg 339 of my SURPLUS SALES OF NEBRASKA CATALOG #8.
\$29 PER 1-pound spool of 1k ft. w/fabric (served).
72 =s=

.....

At 02:49 PM 4/29/98 -0600, you wrote:
>Anyone know where you can find some Litz wire (the stranded stuff they wind
>AM radio loopstick antennas with), I have a non-ham friend who's looking for

>a 100' of it?
>72...Steve
>-----
>n tu - solar powered QRP & wire antennas @ 7,200' ASL
>Monument,Colorado - Grid Sq DM79nb
>homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
>email: n0tu@webaccess.net
>
>
>
>
Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Wed, 29 Apr 1998 15:02:10 -0700
From: "Gerald Mike Claussen (gmc)" <gmc@sequent.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9511] RE: SST mods
Message-ID: <1DDAE93A2402D11188BD0000C02213F5048E0D55@gobo.sequent.com>

try: <http://www.homeusers.prestel.co.uk/g3ycc/>

Mike

-----Original Message-----

From: Frank G3YCC [SMTP:g3ycc@g3ycc.prestel.co.uk]
Sent: Wednesday, April 29, 1998 3:46 PM
To: Low Power Amateur Radio Discussion
Subject: SST mods

Updated SST mod files now available:
see my web site!
Thanks to Jim AL7FS for keeping me up to date.
--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Wed, 29 Apr 1998 17:31:32 -0400
From: w4bws@juno.com (Donald E Sanders)
To: psyodell@mail.provide.net
Cc: qrp-1@Lehigh.EDU
Subject: [9512] Re: My personal frequencies
Message-ID: <19980429.180947.5006.0.w4bws@juno.com>

Reminds me of W20Y - guess you will be the W20Y of QRP.
Don W4BWS

On Wed, 29 Apr 1998 06:41:31 -0400 (EDT) "Jerry W. O'Dell"
<psyodell@mail.provide.net> writes:
>You guys can't take a joke. I also own
>7030, 7032, 7034, 7036, and 7040, which latter
>some of you abuse shamefully.
>
>Printed right on my license.
>
>Jerry W8GND
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Apr 1998 17:08:57 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: psyodell@mail.provide.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9513] Re: query
Message-ID: <3547A4F9.10727C2C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jerry,

Here is my interpretation of the sent "?". I think someone was tuning around listening for a station and came across your CQ but didn't get enough of your call to answer. I think they are just asking "who are you, or what's your call"? I will then send just my call once or twice

and usually they will then answer me. I figure that if they don't answer me then they either don't want or need to work another '3' station (even though I am in AL) or they are looking for possibly a DX station to work, or they didn't like the speed I was sending at, or any of many other sundry reasons they chose not to come back to me. In that case I just start sending CQ again and go on.

Just my 2 cents worth.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Wed, 29 Apr 1998 17:11:32 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: grudin@pacific.vdbs.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9514] Re: Query
Message-ID: <3547A594.EF82FE75@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Jeff,

I have always wondered about that one too. Why would any one send you a 'no' to that question anyway? Hi...

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Wed, 29 Apr 1998 15:24:29 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: Kory Hamzeh <kory@avatar.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9515] Re: SGC 2020 FLAP
Message-ID: <Pine.BSF.3.96.980429140210.19056A-1000000@shell114.ba.best.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Apr 1998, Kory Hamzeh wrote:

> At 01:30 PM 4/29/98 -0700, Bill Jones wrote:
> >Friends,
> >
> >It appears that the marketing folks at SGC have targeted SSB operators
> >as their primary customers. So be it. Now it's up to those of us who
> >prefer CW over SSB to make a decision. Do we accept "also ran"
> >performance or do we spend our money with Small Wonder Labs, Elecraft,
> >S&S, OHR, Emtech, Ten Tec and others? It's as simple as that.
> >
>
> I think the SGC-2020 is just designed bad. It's NOT that difficult to make
> a decent CW rig! One of the nicest rigs I've ever used is the Wilderness
> Sierra. I don't buy this *optimized* for CW stuff. It's just bad design.
>
> Strictly my opinions...
>

Here are my thoughts.

I'm not a long-time radio designer, but 20 years as an engineer has brought to me the understanding that certain optimizations can/must be made to improve performance in one area at the expense of another. This is especially true of cost-sensitive products. SGC apparently chose to optimize ssb and treat CW as the poor stepchild. Now, we can all kvetch and moan about how 'bad' a design it is with no basis other than some informal comments/first impressions. I don't recall seeing sensitivity measurements being quoted anywhere; nor did I see any blocking dynamic range figures. Filter bandwidth specs? You get the idea.

Remember folks, the price paid for an impulsive decision to buy a vapor-ware product is the possibility of disappointment. Sadly, SGC did little to manage expectations...

It's like my daddy taught me, "Never buy anything in the first model year."

Now let's return to the rousing discussion concerning the US Postal Shredders..

Bob - W3CD

Date: Wed, 29 Apr 1998 15:26:45 -0700
From: Brian Kassel <bkassel@dancris.com>
To: crmayer@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9516] Re: ZM-2 problem
Message-ID: <3547A925.13B3@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Mayer wrote:

>
> Last month I built a ZM-2.
> I used it a few times with my 40 meter SST and my MFJ9030; it worked very
> well.
> Now, however, it has started operating erratically.
> When I tune up, it seems to null at different settings every time.
> Also, the LED dims but won't go completely out.
>

Chris:

Check that the shafts to the two variable caps are not intermittantly shorted to ground when rotated. If you weren't able to get the two mounting screws exactly at the correct mounting position, it's possible that one, or both of the shafts are shorting to the panel.

To correct the problem, remove the knobs, rotate each shaft and carefully look at the shaft up close. If the shafts are indeed contacting the faceplate, then loosen the two mounting screws and move the capacitor away from the spot where it rubs. If there is enough play, you can re-tighten the mounting screws without the shaft contacting the faceplate through it's travel. A better solution, but more drastic, is to remove the offending cap(s), and bore out the shaft opening just a wee bit.

How do I know about this problem? FYBO, AB7TT, WA5WHN and the NM gang - long story.

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Wed, 29 Apr 1998 22:33:03 +0000
From: Ed Loranger <we6w@qsl.net>
To: lsimons1@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9517] Re: Query
Message-ID: <3547AA9F.1E8F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think this is a special case where the operator sending the 'no'
may have just finished a QSO and the other op. sending the QRL
to see if the first op. is done with the QRG.

I've had many qso rag chews and sometimes (Often) I hear a
QRL? right after the qso. I assume they may have monitored
and wondering if I'm going back to a CQ. In this case, I
send QRL TU ee, CQ CQ de WE6W (etc.). But if maybe I'm done
with the QRG I then send: GA (Go Ahead) and DE WE6W AR

Never heard any complaints with this operating method.
-Ed

Lynn Simons wrote:

>
> Hey Jeff,
>
> I have always wondered about that one too. Why would any one send you a
> 'no' to that question anyway? Hi...
>
> 73/72,
>
> Lynn, KJ3V
> Birmingham, AL

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

End of QRP-L Digest 1075
